

Cathy
Fehrenbacher/DC/USEPA/US
12/12/2009 06:50 AM

To Mark Garvey
cc David Lynch, Michael Bellot, Laurence Libelo
bcc
Subject Re: Fw: Wildlife - EPA Approval of Contract with Wildlife
Biodegradation for DuPont SEP

Thanks Mark - very good.

Will keep you posted.

Ex 5

We will still need to cut costs. Hopefully we can shave some from the ILSI work. I'm assuming we have some flexibility there, but we should talk at some point.

Cathy Fehrenbacher, CIH, Chief
Exposure Assessment Branch
USEPA/Office of Pollution Prevention and Toxics
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Washington, DC 20460
Phone: 202-564-8551
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Deliveries:
Room 5102A EPA East Building
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Washington, DC 20004

Fw: Wildlife - EPA Approval of Contract with Wildlife Biodegradation for DuPont SEP

**Fw: Wildlife - EPA Approval of Contract with Wildlife Biodegradation for
DuPont SEP**

Mark Garvey to: Michael Bellot, Cathy Fehrenbacher

12/11/2009 05:12 PM

Cc: David Lynch

FYI - At least the contract to keep the Pilot testing on schedule for starting by January 31 is moving forward. Hopefully by mid February we have Pilot results.

This is good.

Next up is cutting the estimated cost of the total SEP from \$12 million to \$14 million (including purification and ILSI) down to \$4.5 million thru major adjustments in the Work Plans.

Thanks,
Mark

Mark Garvey
Attorney

202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 12/11/2009 05:07 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Tony Ellis/DC/USEPA/US@EPA,
Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 12/11/2009 03:18 PM
Subject: Re: Revised Scope Mod for Wildlife - EPA Approval of Contract with Wildlife

Mark:

Per your request, I am sending by email to Tony Ellis and you a copy of the final public version of the documents concurrently with submitting them to Wildlife. I removed the actual contract form, non-disclosure agreement, and general service conditions as they are CBI and were included in the 12/4/09 submission to EPA. If you have any questions, please call me.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

----- Forwarded by Robert J Tucker/AE/DuPont on 12/11/2009 03:09 PM -----

Sheila M
Powalski/AE/DuPont
t

12/11/2009 03:08
PM

To
chutchinson@wildlifeinternational.c
om

cc
Glenn R Johnson/AE/DuPont@DuPont,
Robert J Tucker/AE/DuPont@DuPont

Subject
Wildlife International/DuPont
Biodegradation Contract CW199841

Craig,

Attached please find the EPA approved contract documents for your approval. Just a reminder that we have 5 business days to execute this contract. Per our discussion earlier today, I am confident that we will have the contract in place sooner than that. Let me know if you have any questions. Thank you.

(See attached file: EPA Approved Modification to 07.28.09 Scope.doc)

(See attached file: 7785-1 Dupont - Scenario 1.pdf) (See attached file: 7785-1 Dupont - Scenario 2.pdf) (See attached file: Mark Garvey Email 11-10-09.pdf) (See attached file: Mark Garvey Email 12-10-09.pdf)

Kind regards,

Sheila M. Powalski
DuPont Sourcing - Environmental
4417 Lancaster Pike
BMP 35/2311
Wilmington, DE 19805
Phone: 302-992-4349
Fax: 302-355-2897

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[attachment "EPA Approved Modification to 07.28.09 Scope.doc" deleted by Cathy Fehrenbacher/DC/USEPA/US] [attachment "7785-1 Dupont - Scenario 1.pdf" deleted by Cathy Fehrenbacher/DC/USEPA/US] [attachment "7785-1 Dupont - Scenario 2.pdf" deleted by Cathy Fehrenbacher/DC/USEPA/US] [attachment "Mark Garvey Email 11-10-09.pdf" deleted by Cathy Fehrenbacher/DC/USEPA/US] [attachment "Mark Garvey Email 12-10-09.pdf" deleted by Cathy Fehrenbacher/DC/USEPA/US]

Cathy
Fehrenbacher/DC/USEPA/US
05/12/2010 02:55 PM

To Mark Garvey, David Lynch, Michael Bellot, Tony Ellis
cc Laurence Libelo, Greg Fritz
bcc
Subject Re: Yesterday's Determinations on the SEP

Thanks Mark. Very good news! I'm glad we intervened on the ILSI costs which are still substantial. I guess we'll see whether the reduced funding still enables them to hire an expert.

Cathy
Mark Garvey

----- Original Message -----

From: Mark Garvey
Sent: 05/12/2010 02:45 PM EDT
To: Cathy Fehrenbacher; David Lynch; Michael Bellot; Tony Ellis
Cc: Laurence Libelo; Greg Fritz
Subject: Yesterday's Determinations on the SEP

Cathy ,Mike, and all -

With yesterday's approval of the Wildlife Work Plan, EPA has identified that we want to conduct the control and the A3 chemical for a Pilot study as the first steps to doing 4 sets of pilot tests. We are also requesting ORD to send material to the contractor labs to replace the C3 material that was lost.

Andrea Malinowski and I spoke about limiting the ILSI expenditures. The initial estimate for ILSI was \$990K. ILSI has been paid \$171,000 for finding board members, getting public comment and creating the Peer Consultation Panel. An additional \$15 K has gone into a search for an expert consultant to ILSI and an initial conference call ILSI held with the Panel. I've ask Andrea to let ILSI know that with the budget constraints, there is a scaling back of ILSI's role, because it is important that we get as much testing done as possible and we can make information available to the public after the testing to review results. ILSI's role and the Panel will focus on the review of the Characterization, Review of PILOT and making suggestions for conducting SCAS. Andrea said she would approach ILSI about whether this was possible for \$215.000 additional and a total of \$400K. If there is money after testing is completed we could revisit ILSI's role and the Panel's role since the SEP contemplated a post testing review but also contemplated continual testing until we run out of money. However, initially, the thinking for the SEP was that SCAS would get performed - there would be a Panel review - then additional testing --404-- would be done with the remaining funds. We now understand that \$5 million will not get us testing of any 404 and not all of the SCAS.

Having decided which chemical to do the Pilot on has now identified which chemical will get Characterization. Thus, yesterday has started into action , the Characterization, the control Pilot, the A3 Pilot and the re-programming of the ILSI budget in order to perform additional testing.

It actually feels like we are making it somewhere!

Mark

Mark Garvey
Attorney
202-564-4168
US EPA

Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Greg Fritz/DC/USEPA/US

01/05/2010 09:00 AM

To Mark Garvey

cc Cathy Fehrenbacher, David Lynch, Laurence Libelo, Michael Bellot

bcc

Subject Re: Fw: Revised Scope Modifications & Price Schedule for MPI - EPA Approval of Contract for DuPont SEP

I believe these changes incorporated our mods to 2 variants and the costs were noted as discussed.

Dr. Gregory Fritz
USEPA/OPPTS/OPPT/EETD
Industrial Chemistry Branch (MC-7406M)
1200 Pennsylvania Ave., NW
Washington, DC 20460

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1201 Constitution Ave., NW
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Mark Garvey

Welcome Back Cathy, David, Laurence...

01/04/2010 04:20:01 PM

From: Mark Garvey/DC/USEPA/US
To: David Lynch/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA
Cc: Michael Bellot/DC/USEPA/US@EPA
Date: 01/04/2010 04:20 PM
Subject: Fw: Revised Scope Modifications & Price Schedule for MPI - EPA Approval of Contract for DuPont SEP

Welcome Back Cathy, David, Laurence and Greg:

If EPA is O.K. with the modified Scope and the new Price Schedule attached then we can let DuPont know that their contract w/ MPI is approved for SEP work. Please let me know whether you find these O.K. or if you have any concerns.

Thanks,
Mark

Mark Garvey
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NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 01/04/2010 04:15 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 01/04/2010 11:48 AM
Subject: Revised Scope Mod for MPI - EPA Approval of Contract with MPI

Mark:

Happy New Year! I hope you enjoyed your time off. I'm getting back into the swing of things w/r/t to the SEP. My first priority is to get the MPI (characterization lab) contract executed. The conference call we had with MPI before the holidays did not affect any aspect of the contract EPA approved in October. The only updates to that October approval are the revised cost estimate and revised scope of work. Since neither of those documents contain CBI, I am sending them along to you to help expedite EPA review and approval. If EPA approves these changes, I can add the date of EPA's approval to the scope modification and quickly execute the contract with MPI. Should I also do a formal submission to Tony Ellis, or can you use this email as the submittal for approval? Thanks.

(See attached file: 12.10.09a Draft - Mod to MPI Scope of Work.doc) (See attached file: MPI CW199856 Price Schedule.pdf) (See attached file: Mark Garvey Email 11-10-09.pdf)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
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[attachment "12.10.09a Draft - Mod to MPI Scope of Work.doc" deleted by Greg Fritz/DC/USEPA/US] [attachment "MPI CW199856 Price Schedule.pdf" deleted by

Greg Fritz/DC/USEPA/US] [attachment "Mark Garvey Email 11-10-09.pdf" deleted
by Greg Fritz/DC/USEPA/US]

Greg Fritz/DC/USEPA/US

12/03/2009 08:21 AM

To Mark Garvey

cc Cathy Fehrenbacher, David Lynch, Laurence Libelo, Michael Bellot, Tony Ellis

bcc

Subject Re: Fw:Breath-Taking Sums -- MPI Revised Characterization Cost Estimate

Oh & forgot to add in the cost savings from less standards procurement so ~ \$40K savings total ~ \$400K and cost under \$3MM

Dr. Gregory Fritz
USEPA/OPPTS/OPPT/EETD
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Mark Garvey

We need to keep and eye on the money...

12/02/2009 10:04:40 PM

From: Mark Garvey/DC/USEPA/US
To: Greg Fritz/DC/USEPA/US@EPA
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA, Tony Ellis/DC/USEPA/US@EPA
Date: 12/02/2009 10:04 PM
Subject: Re: Fw:Breath-Taking Sums -- MPI Revised Characterization Cost Estimate

We need to keep and eye on the money as we determine what the best course of action is.

Am I understanding these numbers correctly? Please let me know what you think about the over all cost projections.

Is \$3,762,790 for characterization alone what we want to do? This includes no SCAS testing. No Scas protocols. No SCAS work at all.

This looks like a non-starter to me.

Mark

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Greg Fritz	Dr. Gregory Fritz USEPA/OPPTS/OPPT...	12/02/2009 08:45:47 AM
Mark Garvey	Please take a look at the new estimates...	12/01/2009 09:11:29 AM

Greg Fritz/DC/USEPA/US

12/10/2009 09:14 AM

To Mark Garvey

cc Cathy Fehrenbacher, David Lynch, Michael Bellot,
libelo.laurence

bcc

Subject Re: Fw: Revised modification to Scope of Work for Wildlife
contract - NEED SOME INPUT FROM EPA BEFORE
FINALIZING FOR FORMAL APPROVAL

I'm neither a lawyer nor an English major so I have no idea of the significance of where commas goI only know what I want so here is an explanation and please place the commas where they need to go to get that information in the report.

Data actually measured : 1) concentration of analyte in the sample 2) amount of internal standard added 3) amount of internal standard recovered and 4) the dilution factor of the measured sample

- With respect to the change requested by EPA on "dilution with internal standards recoveries reported" -- the commas in that sentence do make a difference. I put the commas where I think they make sense, but the change is technical in nature so I'm not sure I put the commas in the right place. Please let me know if the 2 sentences (which are the same) need further revision.

The proposed text says,

The preliminary report shall consist of, but not be limited to, the measured analyte concentrations corrected for dilution, with internal standards recoveries reported, as necessary for control and test units provided in spreadsheet format.

We want the spreadsheet to show the amount of analyte corrected for dilution.

a 1 mL aliquot is taken from the sample, 999 mL solvent is added, a 1 mL aliquot of that diluted sample is then injected into the LC/MS/MS and a peak is measured that corresponds to some amount of analyte

We want the spreadsheet to show the amount of analyte that was present in the original 1 mL aliquot of sample by correcting for the dilution to generate the sample that was actually injected.

A known amount of internal standard (IS) has been added to the sample and will likewise appear as a peak in the instrument's output. However, the amount charged to the sample is not necessarily the amount recovered when the workup is performed. Perhaps only 80% of the IS is observed when the sample is worked up, diluted, then measured.

We do not want the spreadsheet data to be reported corrected for an IS recovery of 80%, we only want it reported for the dilution corrected value. [We do want the IS recovery rate to be reported, albeit as a separate spreadsheet entry.]

I hope this explains what we need , please place commas as needed to convey our data reporting interests.

Dr. Gregory Fritz
USEPA/OPPTS/OPPT/EETD
Industrial Chemistry Branch (MC-7406M)
1200 Pennsylvania Ave., NW
Washington, DC 20460

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From: Mark Garvey/DC/USEPA/US
To: David Lynch/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA
Cc: Michael Bellot/DC/USEPA/US@EPA
Date: 12/09/2009 10:00 PM
Subject Fw: Revised modification to Scope of Work for Wildlife contract - NEED SOME INPUT FROM EPA BEFORE FINALIZING FOR FORMAL APPROVAL
:

I haven't had a chance to read the attachments yet, but I want to get them to you as quickly as possible. I'm OK with sending the non-red-lined versions as Andrea suggests. I don't know enough to have an opinion on the placement of the commas in the sentences she discusses below. Please let me know if you believe these modifications to the Scope of Work are O.K. In particular, we need to make sure we're comfortable that the work will be done in stages and according to priority.

Thanks,
mark

Mark Garvey
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----- Forwarded by Mark Garvey/DC/USEPA/US on 12/09/2009 09:56 PM -----

From: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 12/09/2009 12:46 PM
Subject: Revised modification to Scope of Work for Wildlife contract - NEED SOME INPUT FROM EPA BEFORE FINALIZING FOR FORMAL APPROVAL
:

Mark --

I had some questions on the revised Scope of Work modification so before DuPont issues to EPA for formal approval, I wanted to get EPA input on the following:

- I have revised the modified Scope of Work per our discussion yesterday. I provide 2 versions of the same document below. One version contains no red-lining -- changes are shown via highlighted text. The other version shows the Scope of Work changes via red-lining for actual provisions and highlighting for other text. For the final version, I would prefer to go with the non-red-lined version (it's easier to read), but defer to EPA on what form is preferred, the difference being that in the red-lined version, one can see exactly what was changed and in the non-red-lined version, one sees how the revised paragraphs now read.
- New language in both versions is highlighted in yellow. Let me know if any highlighted text needs revision.
- With respect to the change requested by EPA on "dilution with internal standards recoveries reported" -- the commas in that sentence do make a difference. I put the commas where I think they make sense, but the change is technical in nature so I'm not sure I put the commas in the right place. Please let me know if the 2 sentences (which are the same) need further revision.
- Just FYI on minor changes ... I changed the date to today's date. Also, I had to change the Scope of Work cross-reference page numbers -- each section referred to page x of 31 and the Scope of Work, when in final pdf form as submitted to the Agency, has only 30 pages. So now each section refers to page x of 30 for the Scope. Also, I moved the reference documents to footnotes, instead of having them in the text.
- Added new paragraph numbered 1 pertaining to the Work Plan.

I'm in a meeting until 4:30 this afternoon -- if we need to discuss anything, we can discuss then. (or Bob Tucker may be available). Otherwise, email response is fine too. Once I hear back from EPA on the above points, we will submit the revised Scope modification for formal approval.

Thanks.

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[attachment "No redline 12.09.09 Modification to 07.28.09 Scope.doc" deleted by Greg Fritz/DC/USEPA/US] [attachment "12.09.09 Modification to 07.28.09 Scope.doc" deleted by Greg Fritz/DC/USEPA/US]

Jackson
Ellington/ATH/USEPA/US
06/21/2010 06:33 AM

To David Lynch
cc
bcc
Subject Re: Fw: Adaptation of EPA Athens Methods

Thank you Dave. I am reading the document now. Will discuss thoughts with John.
Jackson

David Lynch [Hi Jackson, This is what Wildlife Interna...](#) 06/18/2010 02:22:02 PM

From: David Lynch/DC/USEPA/US
To: Jackson Ellington/ATH/USEPA/US@EPA
Date: 06/18/2010 02:22 PM
Subject: Fw: Adaptation of EPA Athens Methods

Hi Jackson,

This is what Wildlife International worked up to describe what they are going to do to address their analytical problems.

I saw John got a copy of this e-mail but you didn't so here it is.

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

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FAX 202-564-8892

----- Forwarded by David Lynch/DC/USEPA/US on 06/18/2010 02:18 PM -----

From: "Ed Schaefer" <ESCHAEFE@WILDLIFEINTERNATIONAL.COM>
To: "William R Berti" <William.R.Berti@USA.dupont.com>, "Barbara S Larsen" <Barbara.S.Larsen@USA.dupont.com>, Cathy Fehrenbacher/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Mark Garvey/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, "Robert C Buck" <Robert.C.Buck@USA.dupont.com>, "Robert J Tucker" <Robert.J.Tucker@USA.dupont.com>, John Washington/ATH/USEPA/US@EPA
Cc: "David Weiss" <dweiss@WILDLIFEINTERNATIONAL.COM>, "Ray VanHoven" <RVANHOVE@WILDLIFEINTERNATIONAL.COM>, "Will Nixon" <WNIXON@WILDLIFEINTERNATIONAL.COM>
Date: 06/18/2010 01:24 PM
Subject: Adaptation of EPA Athens Methods

Dear All,

The attached method procedure summary describes the work that will be conducted as a result of our discussions over the past few days. We are currently scheduled to start this work on 21 June 2010 and would greatly appreciate receiving any comments as soon as possible. Once again, we would like to thank everyone involved for their input and participation in these helpful discussions.

With kind regards,
Ed Schaefer
Wildlife International

[attachment "Summary June 2010 GCextrall.pdf" deleted by Jackson
Ellington/ATH/USEPA/US]

Jackson
Ellington/ATH/USEPA/US
06/16/2010 12:21 PM

To David Lynch
cc John Washington
bcc
Subject Re: time to talk?

Works for me.
Jackson

David Lynch Hello John and Jackson, Thanks for join... 06/16/2010 12:19:48 PM

From: David Lynch/DC/USEPA/US
To: John Washington/ATH/USEPA/US@EPA
Cc: Jackson Ellington/ATH/USEPA/US@EPA
Date: 06/16/2010 12:19 PM
Subject: Re: time to talk?

Hello John and Jackson,

Thanks for joining the call yesterday.

I just got back from an awards ceremony and can talk with you as soon as you are ready.

Does 12:30 at John's number work?

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

John Washington Hey Dave, It was good to talk with you... 06/16/2010 09:51:02 AM

John
Washington/ATH/USEPA/US
06/24/2010 02:39 PM

To David Lynch
cc
bcc
Subject Re: Are you available for a 3PM conf call with DuPont /
Wildlife International on methods development today ?

Dave,

I can join call for about a half hour. My instrument is down so I need to start on that.

John

John Washington
United States Environmental Protection Agency
National Exposure Research Laboratory
Ecosystems Research Division
960 College Station Road
Athens, GA 30606
phone: (706) 355-8227
fax: (706) 355-8202
email: washington.john@epa.gov
<http://www.epa.gov/athens/>

David Lynch	Hey John and Jackson, DuPont / Wildlif...	06/24/2010 10:05:45 AM
-------------	---	------------------------

From: David Lynch/DC/USEPA/US
To: John Washington/ATH/USEPA/US@EPA, Jackson Ellington/ATH/USEPA/US@EPA
Date: 06/24/2010 10:05 AM
Subject: Are you available for a 3PM conf call with DuPont / Wildlife International on methods development today ?

Hey John and Jackson,

DuPont / Wildlife International want to give us a progress report this afternoon on their methods development work. It's completely up to you if you want to participate.

I can forward to you any questions that come up if you can't join the call.

Thanks

Dave

David G. Lynch
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Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

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John
Washington/ATH/USEPA/US
06/16/2010 09:51 AM

To David Lynch
cc Jackson Ellington
bcc
Subject time to talk?

Hey Dave,

It was good to talk with you yesterday. Is there a time that is convenient before today's DuPont conference call for Jackson and me to call you. How about 10 AM? If not then, please reply to all with a time of your choosing.

Thanks,
John

John Washington
United States Environmental Protection Agency
National Exposure Research Laboratory
Ecosystems Research Division
960 College Station Road
Athens, GA 30606
phone: (706) 355-8227
fax: (706) 355-8202
email: washington.john@epa.gov
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Laurence
Libelo/DC/USEPA/US
04/13/2010 12:48 PM

To David Lynch
cc
bcc
Subject Accepted: SEP Budget and Wildlife Int Cost Estimates

Laurence
Libelo/DC/USEPA/US
04/13/2010 02:07 PM

To David Lynch
cc
bcc
Subject Accepted: SEP Budget and Wildlife Int Cost Estimates

Laurence
Libelo/DC/USEPA/US
04/20/2010 12:00 PM

To David Lynch
cc
bcc
Subject Accepted: SEP Conf call with DP to discuss budget

Laurence
Libelo/DC/USEPA/US
04/20/2010 12:18 PM

To David Lynch
cc
bcc
Subject Accepted: SEP Conf call with DP to discuss budget

Laurence
Libelo/DC/USEPA/US
05/27/2010 05:18 PM

To David Lynch
cc
bcc
Subject biodeg summary

Dave,

I am trying to find the piece we wrote up on polymer biodeg. I know I have it somewhere but can't find it. Do you have a easily accessible copy?

Also I am looking for the polymer biodeg review we got from a company.. Do you know if we have a non-cbi version?

Thanks.

Laurence
Libelo/DC/USEPA/US
02/02/2010 04:20 PM

To Mark Garvey
cc
bcc
Subject Re: Fw: Does it make sense to try to have a call with Wildlife
scientist next Monday?
Application of EPA Analytical Methodology - Wildlife Work
Plan **Questions from Wildlife

Mark,

Monday sounds fine.

=====

E. Laurence Libelo, Ph.D.
Senior Environmental Engineer
Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
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202-564-8553
FAX 202-546-8671

Mark Garvey	John Washington said he would review...	02/02/2010 03:22:34 PM
-------------	---	------------------------

From: Mark Garvey/DC/USEPA/US
To: David Lynch/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA
Cc: Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA
Date: 02/02/2010 03:22 PM
Subject: Re: Fw: Does it make sense to try to have a call with Wildlife scientist next Monday?
Application of EPA Analytical Methodology - Wildlife Work Plan **Questions from Wildlife

John Washington said he would review this tomorrow or Thursday. This looks to me like there are items that EPA wants to have explained. Should we plan for a call Monday Feb. 8?

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information,
attorney-work product, enforcement sensitive material or privileged information.

David Lynch	I think Laurence and Greg make good p...	02/02/2010 02:56:02 PM
Laurence Libelo	Mark, Here are my comments on Greg'...	02/02/2010 02:35:36 PM

Mark Garvey	Laurence and John - Greg has made...	02/02/2010 11:25:13 AM
Greg Fritz	Dr. Gregory Fritz USEPA/OPPTS/OPPT...	02/01/2010 08:17:43 AM
Mark Garvey	Forwarding message that Wildlife sent _...	01/29/2010 09:21:30 PM

Laurence
Libelo/DC/USEPA/US
02/17/2010 06:41 PM

To Mark Garvey
cc David Lynch
bcc
Subject Re: Fw: Did You see the rescheduled time for the "Accepted:
Wildlife call"

That work for me.

Mark Garvey Laurence & David; Greg has accepted f... 02/17/2010 05:07:07 PM

From: Mark Garvey/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA
Date: 02/17/2010 05:07 PM
Subject: Fw: Did You see the rescheduled time for the "Accepted: Wildlife call"

Laurence & David;

Greg has accepted for Wednesday at 3. Cathy gave a tentative acceptance. I'd like to call DuPont and let them know we're trying for next Wed at 3, but I want to make sure this works for you. I saw Laurence accepted for Tuesday but I had to reschedule for the next day.

Let me know if Wed works.

Thanks,

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information,
attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 02/17/2010 05:02 PM -----

Accepted: Wildlife call
Tue 02/23/2010 2:00 PM - 3:00 PM
No Location Information

Laurence Libelo	has accepted this meeting invitation
--------------------	--------------------------------------

Required:

Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA

Laurence
Libelo/DC/USEPA/US
02/01/2010 10:18 AM

To: Scott Sherlock
cc
bcc
Subject: Fw: Decatur, Alabama/ discharge issue

----- Forwarded by Laurence Libelo/DC/USEPA/US on 02/01/2010 10:18 AM -----

From: Laurence Libelo/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA
Date: 01/31/2010 09:20 AM
Subject: Fw: Decatur, Alabama/ discharge issue

----- Forwarded by Laurence Libelo/DC/USEPA/US on 01/31/2010 09:20 AM -----

From: Scott Sherlock/DC/USEPA/US
To: "Greenwood, Mark A." <Mark.Greenwood@ropesgray.com>
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Priscilla Flattery/DC/USEPA/US@EPA
Date: 01/08/2009 09:44 AM
Subject: Decatur, Alabama/ discharge issue

Mark-

Just to confirm our conversation of several minutes ago: As far as you are concerned EPA may discuss, without concern to any possible confidentiality issues, information in our possession or learned related to Daikin's discharge of PFCs to the Decatur, Alabama municipal treatments works with ADEM staff and their counsel.

On or about Monday January 20th, you or your client will be directing a detailed response to a Region 4 Water Program query, the bulk of which will not be claimed as CBI. Cathy Fehrenbacher will be copied on this mailing.

Please advise if I misunderstood the conversation/conclusions.

Thanks for your help with this.

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

"Greenwood, Mark A." | spoke to Glenda and others in... 01/06/2009 04:34:14 PM

From: "Greenwood, Mark A." <Mark.Greenwood@ropesgray.com>
To: Scott Sherlock/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA
Date: 01/06/2009 04:34 PM
Subject: RE: Follow up to yesterday's conversation

I spoke to Glenda and others in ADEM today. I think we have an approach moving forward to get them the data that is of interest to them.

Mark A. Greenwood
ROPES & GRAY LLP
T 202-508-4605 | F 202-383-7785
One Metro Center, 700 12th Street, NW, Suite 900
Washington, DC 20005-3948
mark.greenwood@ropesgray.com
www.ropesgray.com

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From: Sherlock.Scott@epamail.epa.gov
[mailto:Sherlock.Scott@epamail.epa.gov]
Sent: Tuesday, January 06, 2009 8:55 AM
To: Greenwood, Mark A.
Cc: gld@adem.state.al.us; Flattery.Priscilla@epamail.epa.gov;
Fehrenbacher.Cathy@epamail.epa.gov
Subject: Follow up to yesterday's conversation

Mark

Glenda L. Dean, Chief, NPDES Permit Branch, Water Division, ADEM has advised that you should send her your contact information and she will ensure that the proper contacts are made.

Ms. Dean's email address is gld@adem.state.al.us; her telephone number is 334-270-5602.

On the other matter, we look forward to hearing from you on Thursday.

Scott

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

Laurence
Libelo/DC/USEPA/US
02/18/2010 03:42 PM

To Scott Sherlock
cc
bcc
Subject Fw: Decatur, Alabama/ discharge issue - this will be sent to
Scott Sherlock; no need to watch for it

Scott here is an email trail that talks about the AL stuff.

Down near the bottom is an email from Mark Greenwood with :

I spoke to Glenda and others in ADEM today. I think we have an approach moving forward to get them the data that is of interest to them.

Mark A. Greenwood
ROPES & GRAY LLP
T 202-508-4605 | F 202-383-7785
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mark.greenwood@ropesgray.com
www.ropesgray.com

----- Forwarded by Laurence Libelo/DC/USEPA/US on 02/18/2010 03:39 PM -----

From: Cathy Fehrenbacher/DC/USEPA/US
To: Lynn Delpire/DC/USEPA/US@EPA, Bob Boethling/DC/USEPA/US@EPA
Cc: Laurence Libelo/DC/USEPA/US@EPA
Date: 02/23/2009 02:29 PM
Subject: Fw: Decatur, Alabama/ discharge issue - this will be sent to Scott Sherlock; no need to watch for it

Cathy Fehrenbacher, CIH, Chief
Exposure Assessment Branch
USEPA/Office of Pollution Prevention and Toxics
1200 Pennsylvania Ave., N.W. (7406M)
Washington, DC 20460
Phone: 202-564-8551
Fax: 202-564-8892

Deliveries:
Room 5102A EPA East Building
1201 Constitution Avenue, N.W.
Washington, DC 20004

----- Forwarded by Cathy Fehrenbacher/DC/USEPA/US on 02/23/2009 02:28 PM -----

RE: Decatur, Alabama/ discharge issue 📎

Scott Sherlock to: Greenwood, Mark A.

02/23/2009 02:23 PM

Cc: Cathy Fehrenbacher, Laurence Libelo, Pamela Myrick, Priscilla Flattery

Thanks Mark

For general ease why don't you send it to the Immediate Office, Environmental Assistance Division Room 4213, EPA East attention Scott Sherlock (202/564-8257)?

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

"Greenwood, Mark A." I am having a copy made of our... 02/23/2009 02:00:53 PM

From: "Greenwood, Mark A." <Mark.Greenwood@ropesgray.com>
To: Scott Sherlock/DC/USEPA/US@EPA
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Priscilla Flattery/DC/USEPA/US@EPA, Pamela Myrick/DC/USEPA/US@EPA
Date: 02/23/2009 02:00 PM
Subject: RE: Decatur, Alabama/ discharge issue

I am having a copy made of our non-CBI submission.

Who will be able to receive this if it is completed this afternoon?

Our response was filed in two stages. The information you identified is contained in Attachment 1B of the February 6 submission. Daikin did not claim the effluent data from its plant as CBI. The company's CBI claim was focused on protecting its list of manufacturing process reactants.

Mark A. Greenwood
ROPES & GRAY LLP
T 202-508-4605 | F 202-383-7785
One Metro Center, 700 12th Street, NW, Suite 900
Washington, DC 20005-3948
mark.greenwood@ropesgray.com
www.ropesgray.com

-----Original Message-----

From: Sherlock.Scott@epamail.epa.gov
[mailto:Sherlock.Scott@epamail.epa.gov]
Sent: Monday, February 23, 2009 1:38 PM
To: Greenwood, Mark A.
Cc: fehrenbacher.cathy@epa.gov; Libelo.Laurence@epamail.epa.gov;

Greenwood, Mark A.; Flattery.Priscilla@epamail.epa.gov;
Myrick.Pamela@epamail.epa.gov
Subject: Re: Decatur, Alabama/ discharge issue

Hi Mark

Just to confirm, you will be sending a non-CBI version of the material you sent to Region IV to Cathy and that your client did not make any CBI claims of the components on the composition of the releases.

Regarding the other matter we discussed today, I will be sending you a follow up email shortly and Tracey Pennington will be sending you a fax of the material we discussed.

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

From: Scott Sherlock/DC/USEPA/US

To: "Greenwood, Mark A." <Mark.Greenwood@ropesgray.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Laurence
Libelo/DC/USEPA/US@EPA, Priscilla
Flattery/DC/USEPA/US@EPA

Date: 01/08/2009 09:44 AM

Subject: Decatur, Alabama/ discharge issue

Mark-

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On or about Monday January 20th, you or your client will be directing a

detailed response to a Region 4 Water Program query, the bulk of which will not be claimed as CBI. Cathy Fehrenbacher will be copied on this mailing.

Please advise if I misunderstood the conversation/conclusions.

Thanks for your help with this.

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

From: "Greenwood, Mark A." <Mark.Greenwood@ropesgray.com>

To: Scott Sherlock/DC/USEPA/US@EPA, Cathy
Fehrenbacher/DC/USEPA/US@EPA

Date: 01/06/2009 04:34 PM

Subject: RE: Follow up to yesterday's conversation

I spoke to Glenda and others in ADEM today. I think we have an approach moving forward to get them the data that is of interest to them.

Mark A. Greenwood
ROPES & GRAY LLP
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One Metro Center, 700 12th Street, NW, Suite 900
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mark.greenwood@ropesgray.com
www.ropesgray.com

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Cc: gld@adem.state.al.us; Flattery.Priscilla@epamail.epa.gov;
Fehrenbacher.Cathy@epamail.epa.gov
Subject: Follow up to yesterday's conversation

Mark

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Ms. Dean's email address is gld@adem.state.al.us; her telephone number is 334-270-5602.

On the other matter, we look forward to hearing from you on Thursday.

Scott

Scott M. Sherlock, Attorney Advisor
Environmental Assistance Division
Office of Pollution Prevention and Toxics
202.564-8257 (telephone)
202.564-8251 (facsimile)
sherlock.scott@epa.gov (e-mail)

Laurence
Libelo/DC/USEPA/US
02/25/2010 11:20 AM

To Toni Krasnic
cc
bcc
Subject Re: Fw: 2nd Announcement for 2nd International Workshop /
Fluorinated Surfactants : New Developments

No. It looks like it will be interesting but I am going to SETAC in Spain instead.

I think some of the ORD guys are going.

Toni Krasnic Are you going? ----- Forwarded by Toni... 02/25/2010 08:27:36 AM

From: Toni Krasnic/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA
Date: 02/25/2010 08:27 AM
Subject: Fw: 2nd Announcement for 2nd International Workshop / Fluorinated Surfactants : New Developments

Are you going?

----- Forwarded by Toni Krasnic/DC/USEPA/US on 02/25/2010 08:27 AM -----

From: "Heike Weil" <weil@hs-fresenius.de>
To: <weil@hs-fresenius.de>
Cc: <knepper@hs-fresenius.de>
Date: 02/25/2010 06:08 AM
Subject: 2nd Announcement for 2nd International Workshop / Fluorinated Surfactants : New Developments

2nd International Workshop Fluorinated Surfactants : New Developments

Idstein, Germany • June 17-19, 2010

Oral and poster abstract submission deadline: April 5, 2010

Submit abstracts now at: <http://pft.hs-fresenius.de/>

SUBMIT ORAL AND POSTER ABSTRACTS NOW

Please remember to submit abstracts for oral and poster presentations by April 5, 2010.

Contributions on the following themes are invited to supplement the plenary lectures listed below.

CONFERENCE THEMES

Synthesis and application of new fluorinated surfactants
- Improved application

- Environmental and toxicological characteristics
- Improved degradation potential
- Labelled compounds suitable for metabolism and other environment

Analysis and fate

- Modern analytic instrumentation
- Applications of modern mass spectrometric techniques
- Structure elucidation
- Detection of trace chemicals at very low concentrations
- Identification of unknown compounds as transformation products of photolysis and hydrolysis or biodegradation
- Monitoring the environmental processes and their global distribution

Human exposure, toxicology, ecotoxicology

- Environmental persistence of perfluorinated compounds
- Toxicological properties of fluorinated substances
- Various routes of human and environmental exposure
- Mechanisms of - e.g. C6 and C4 - toxicology.

(Risk) Assessment and Regulation

- Latest developments in the field of assessment, eco labelling and regulation

PLENARY SPEAKER

Ian Cousins, ITM, Stockholm University, S

- Global sources and fate modelling of PFC

SPEAKERS (so far)

A. Laschewsky, Fraunhofer Institute of Applied Polymer Research IAP, D

- Controlled free radical polymerization as pathway to new polymeric surfactants bearing fluorocarbon fragments

C. Eschauzier, U Amsterdam, NL; P. de Voogt KWR/UvA, NL

- Fate of Perfluorinated Compounds in Drinking Water Production Processes

F.T. Lange, DVGW Water Technology Center, D

- Analysis, occurrence, and behaviour of PFOS substitutes in the aquatic environment

S. Posner, Swerea IVF, S

- Survey of the extent of use and occurrence of PFNA (perfluorononanoic acid) in Norway

T. Stahl, Hesse State Laboratory, D

- Wild life monitoring in Hesse

T. Frömel, University of Applied Sciences Fresenius, D

- Biotransformation and analysis of fluorotelomer ethoxylates

R. Reupert, LANUV, D, F. T. Lange, DVGW Water Technology Center, D

- Standardization of PFC analysis in the EU

J. Keller, National Institute of Standards and Technology, US
- Progress for certifying perfluoros in NIST Standard Reference Materials

R.C. Buck, DuPont Surface Protection Solutions, US
- Toxicology of short-fluorinated chain surfactants

B. Hagenbuch, University of Kansas Medical Center, US
- Human transporters involved in the uptake of perfluorinated carboxylates

M. Wilhelm, Ruhr-University Bochum, D
- Three year Human biomonitoring study with residents from Arnsberg (Germany) formerly exposed to PFOA-contaminated drinking water

P. de Voogt, UvA-IBED/KiwaWR, NL
- Perfood

M. Farré, CID-CSIC, ES
- Infant exposure of perfluorinated compounds: Levels in breast milk and commercial baby food

T. Grummt, UBA, D
- Use of genotoxicity information for risk assessment of perfluorinated compounds

V. Gellrich, University of Applied Sciences Fresenius, D
- Sorption, desorption and the fate of perfluorinated compounds – model and reality

Round table discussion

C. Schulte, UBA, D; R.C. Buck, DuPont Surface Protection Solutions, US; and others

CONFERENCE REGISTRATION

Registration is now open. Register by May 31, 2010. Special reduced registration fees are available for students.

2nd International Workshop Fluorinated Surfactants : New Developments
is organized and sponsored by University of Applied Sciences Fresenius, German Research Foundation (DFG), Water Chemistry Society - Division of the German Chemical Society, Division of Detergent Chemistry of the German Chemical Society, DuPont, Campro Scientific GmbH.

Conference Chair
Thomas P. Knepper, University of Applied Science Fresenius, Germany

For further information visit: <http://pft.hs-fresenius.de/> or contact Heike Weil at weil@hs-fresenius.de

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Sorry in case of multiple mailings. But please feel free to transfer this mail to all your colleagues who may be interested to participate and communicate!

Laurence
Libelo/DC/USEPA/US
04/28/2010 11:51 AM

To Toni Krasnic
cc Deborah Sherer
bcc
Subject Re: DuPont MOU

Toni,

Sounds like Dupont is not in agreement with what we think needs to be done.

We need to do a crosswalk between the Peer Consult report recommendations and our (Jim's) letter to Dupont. I think it will show that we are not asking for anything that the peer panel didn't. Rather they asked for more then we did.

Laurence

=====

E. Laurence Libelo, Ph.D.
Senior Environmental Engineer
Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
OPPTS/OPPT/EETD/EAB
202-564-8553
FAX 202-546-8671

Toni Krasnic [Hi Gloria, Welcome to the 3M and Dupo...](#) 04/28/2010 08:47:09 AM

From: Toni Krasnic/DC/USEPA/US
To: Gloria Davis/DC/USEPA/US@EPA
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Deborah Sherer/DC/USEPA/US, Mike Mattheisen/DC/USEPA/US@EPA, Karen Chu/DC/USEPA/US@EPA, Katherine Sleasman/DC/USEPA/US@EPA, Diane Sheridan/DC/USEPA/US@EPA
Date: 04/28/2010 08:47 AM
Subject: DuPont MOU

Hi Gloria,

Welcome to the 3M and Dupont MOU team.

Jenny Liu (global regulatory leader at DuPont) called me today asking to schedule a meeting on the DuPont MOU (<http://epa.gov/oppt/pfoa/pubs/eca.html#mou> and <http://itp-pfoa.ce.cmu.edu/>) to discuss the additional work that needs to be done under Phase III of the MOU. Apparently, they think we've asked for too much in our March letter and want to talk it through with Jim Willis.

Jenny will be contacting you directly to arrange this meeting. Please contact Cathy or Laurence for any questions on the MOU.

Thanks,

Toni Krasnic
EPA/OCSP/OPPT/CCD/ECB
EPA East; 1201 Constitution Ave NW, Room 4351C; Washington, DC 20004
Mail: EPA; 1200 Pennsylvania Ave NW; MC-7405M; Washington, DC 20460
Phone: 202-564-0984; Fax: 202-564-4775

PFOA Web Site: <http://www.epa.gov/oppt/pfoa>

TSCA 8(e) Web Site: <http://www.epa.gov/opptintr/tsca8e>

----- Forwarded by Toni Krasnic/DC/USEPA/US on 04/28/2010 08:36 AM -----

From: Karen Chu/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA, Toni Krasnic/DC/USEPA/US@EPA
Cc: Diane Sheridan/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA, Mike Mattheisen/DC/USEPA/US@EPA, Gloria Davis/DC/USEPA/US@EPA
Date: 04/26/2010 10:05 AM
Subject: CITB's PFOA MOU Coordinator

I'm happy to announce that Gloria Davis will be the PFOA MOU Coordinator. As you always did with Gerry, please cc: Mike and I on any requests so that we can help make this transition as smooth as possible. If you know of any upcoming activities and would like us to set up a meeting to discuss, please let us know.

Thanks,

Karen Chu
Acting Chief, Chemical Information & Testing Branch
Office of Pollution Prevention and Toxics
U.S. EPA (Mail Code 7405M)
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Phone: 202-564-8773
Fax: 202-564-9490

Laurence
Libelo/DC/USEPA/US
03/23/2010 12:56 PM

To Toni Krasnic
cc Greg Fritz, Mary Dominiak, Rose Allison, Wendy Hoffman
bcc
Subject Re: D'ja see this one?!

Yes, Interesting. Didn't DuPont tell us that they had this great way of cleaning it up and were going to let others use it (for a fee)?

Toni Krasnic [Thanks Mary! http://www.delawareonlin...](#) 03/23/2010 12:06:55 PM

From: Toni Krasnic/DC/USEPA/US
To: Rose Allison/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Wendy Hoffman/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA
Cc: Mary Dominiak/DC/USEPA/US@EPA
Date: 03/23/2010 12:06 PM
Subject: Re: D'ja see this one?!

Thanks Mary!

<http://www.delawareonline.com/article/20100321/BUSINESS/3210314/1003/BUSINESS/Business-in-the-courts>

Mary Dominiak [3M Sues DuPont Mary](#) 03/22/2010 08:09:40 AM

Lee Thomas/R4/USEPA/US
03/19/2010 11:05 AM

To Laurence Libelo
cc
bcc
Subject Fw: Request for ORSANCO PFOA data collected under the
American Rivers program

Laurence,

EPA is funding Ohio River sampling for PFOA on 25 locations through the National Rivers and Streams Assessment Program. We are hoping to obtain a better idea of what may be occurring once this data is released.

Lee Thomas
thomas.lee@epa.gov
404.562.9786
Ground-Water Hydrologist
Water Protection Division
United States Environmental Protection Agency, Region 4
61 Forsyth Street
Atlanta, GA 30303

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----- Forwarded by Lee Thomas/R4/USEPA/US on 03/19/2010 11:04 AM -----

From: "Erich Emery" <emery@orsanco.org>
To: "Peter Tennant" <ptennant@orsanco.org>, William Melville/R4/USEPA/US@EPA, Lee
Thomas/R4/USEPA/US@EPA
Date: 03/19/2010 10:55 AM
Subject: Re: Request for ORSANCO PFOA data collected under the American Rivers program

Bill

We have almost completed our QA review. I'm hoping will be able to release a QA report and properly flagged data within the next two weeks.

I'm working with EPA ORD scientists on the project and they are completing the initial QA review for us. It has taken them a while to wade through the over 7300 pages of lab QA documentation, plus several conference calls with the lab to discuss issues.

We just received the last pieces of QA info from the lab the other day and the EPA ORD folks are wading through it now.

When we do release it you all will be on the initial distribution list.

Hope this helps.

Erich

-----Original Message-----

From: Peter Tennant

To: Melville.William@epamail.epa.gov <Melville.William@epamail.epa.gov>;

Thomas.Lee@epamail.epa.gov <Thomas.Lee@epamail.epa.gov>

CC: Erich Emery

Sent: Fri Mar 19 10:28:07 2010

Subject: RE: Request for ORSANCO PFOA data collected under the American Rivers program

Bill-

Erich Emery of our staff is responsible for the data. We are going through a thorough QA assessment of the data prior to releasing it; Erich can tell you where we are in the process.

-----Original Message-----

From: Melville.William@epamail.epa.gov [

mailto:Melville.William@epamail.epa.gov]

Sent: Friday, March 19, 2010 10:24 AM

To: Peter Tennant; Thomas.Lee@epamail.epa.gov

Subject: Re: Request for ORSANCO PFOA data collected under the American Rivers program

Peter- Our drinking water program is interested in obtaining the water quality data ORSANCO has been collecting related to the PFOA compounds in the Ohio River. We learned that the Cincinnati Water intake has detected the compounds and we would like to understand the scope of the PFOA impacts and their potential for impacting Kentucky Public Water Supply Systems. The Region 4 contact is Lee Thomas at 404 562-9786. Thanks for your assistance. Bill

Marc Mills/CI/USEPA/US

03/04/2010 11:28 PM

To Laurence Libelo

cc

bcc

Subject Another call back

Laurence

Another one of those days... just got check voicemail and received your request for a talk. Tentatively yes, I have to run in by my management and be sure we have travel dollars for this. Travel is tight and we been very limited.

Thanks for the invite, I look forward to participating if possible. If you want to discuss, give me a call tomorrow or next week.

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Marc Mills/CI/USEPA/US

03/02/2010 09:32 AM

To Laurence Libelo

cc

bcc

Subject Call back

Laurence:

Sorry for the delay in getting back with you. I was in meetings all day. I have time today at noon or 2pm. Would that work?

Let me know

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Marc Mills/CI/USEPA/US
03/02/2010 09:55 AM

To Laurence Libelo
cc
bcc
Subject Re: Call back

Noon or 2pm?

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Laurence Libelo/DC/USEPA/US wrote on 03/02/2010 09:37:44 AM:

> From:
>
> Laurence Libelo/DC/USEPA/US
>
> To:
>
> Marc Mills/CI/USEPA/US@EPA
>
> Date:
>
> 03/02/2010 09:37 AM
>
> Subject:
>
> Re: Call back
>
> Sounds good.
>
> From:
>
> Marc Mills/CI/USEPA/US
>
> To:
>
> Laurence Libelo/DC/USEPA/US@EPA
>
> Date:
>
> 03/02/2010 09:32 AM
>

> Subject:
>
> Call back
>
> Laurence:
>
> Sorry for the delay in getting back with you. I was in meetings all
> day. I have time today at noon or 2pm. Would that work?
>
> Let me know
>
>
> Marc
>
>

> Marc A. Mills, Ph.D.
>
> United States Environmental Protection Agency
> Office of Research and Development
> National Risk Management Research Laboratory
> 26 W. Martin Luther King Dr.
> Cincinnati, OH 45268
>
> Tel 513.569.7322
> Fax 513.569.7620
> mills.marc@epa.gov

Marc Mills/CI/USEPA/US

01/19/2010 10:32 PM

To Laurence Libelo

cc mike.henley, Shoji Nakayama

bcc

Subject Re: PFC SON

Thanks Laurence. I am in Chicago this week but could schedule a call next week on Tuesday morning early or Thursday, or Friday.

Mike, we would be interested in what you have going on related to this and would very excited to discuss a collaboration with you on this SERDP proposal.

Please let us know your availability next week and we will coordinate a call.

Thank you both.

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:

> [image removed]
>
> PFC SON
>
> Laurence Libelo
>
> to:
>
> mike.henley
>
> 01/19/2010 12:16 PM
>
> Cc:
>
> Shoji Nakayama, Marc Mills
>
> Mike,
>
> It was good to talk to you this morning. It is nice to catch up a
> bit and hear about how things are going in Panama City.
>
> Here is some of the email traffic on the SON. I think it would be

> a really good collaboration between AFRL and The EPA/ORD. Your
> expertise on chemical surface interactions and on fire research
> would be a great match with their analytical capabilities.
>
> I would suggest you contact Marc and Shoji and set up a call to talk with
them.
>
> Laurence
>
>

=====

> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553
> FAX 202-546-8671
>
> From:
>
> Shoji Nakayama/CI/USEPA/US
>
> To:
>
> Laurence Libelo/DC/USEPA/US
>
> Cc:
>
> Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
> Shoji Nakayama/CI/USEPA/US
>
> Date:
>
> 12/23/2009 10:48 AM
>
> Subject:
>
> RE: Hello from the past
>
> Laurence and Tim,
>
> Yes, it's indeed sounds very nice.
>
> I'm mostly coordinating this for Dr Marc Mills here at National Risk
> Management Research Laboratory (NRMRL) and most likely Marc will
> take a lead as a PI for the proposal.
>
> So far we have made up a tentative team within EPA including NRMRL
> and National Exposure Research Laboratory (NERL) as well as outside
> collaborators such as Minnesota Department of Health (MDH),
> Minnesota Pollution Control Agency (MPCA), and University of Cincinnati
> (UC).
>
> The deadline of federal lead proposal is 11 March 2010 (<http://www.serdp.org/Funding/core-fed/index.cfm>). I'm writing up a draft
> proposal aiming mid-Jan when everybody will get together and polish

> it up. Although the SON (see below) says it's not required to have
> a field study, we think it is quite important to know actual
> situation in the field such as fate and transport of the target
> contaminants (PFOS and PFOA). We will be able to set up lab-scale
> treatment experiments which will certainly be reinforced by the
> field data. So we will be grateful if we could have a DoD
> collaborator who either can take samples from fields and send them
> to our analytical laboratories or will allow us to come to the
> fields and collect samples. Demanded samples include not only
> ground water but also surface soils and column soils in order to
> better characterize and understand the situation. Though the SON
> mentions little about soil research and treatment, we believe it is
> very important to understand the transport of the contaminants from
> soils to ground water and fate of precursors that potentially
> degrades to the targeted contaminants. It is known that the
> precursors have been manufactured and used in much higher scale
> (orders of magnitude) than PFOS and PFOA.
>
> SON: <http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>
>
> If you have any questions, please feel free to give us a contact.
>
> Have a wonderful holiday,
>
> Shoji
>
> =====
> Shoji F. Nakayama, MD, PhD
> Phone: (513) 569-7490
> Fax: (513) 569-7620
>
> U.S. Environmental Protection Agency
> National Risk Management Research Laboratory
> 26 West Martin Luther King Drive, MS 190
> Cincinnati, OH 45268
> =====
>
> From:
>
> Laurence Libelo/DC/USEPA/US
>
> To:
>
> "Shelley, Timothy Civ USAF AFMC AFRL/RXQF" <tim.shelley@tyndall.af.mil>
>
> Cc:
>
> Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
>
> Date:
>
> 12/23/2009 10:18 AM
>
> Subject:
>
> RE: Hello from the past
>
> Hi Tim,
>
> Sounds great!

>
> The EPA part of this effort is being done mostly by Shoji Nakayama
> in the ORD lab in Cincinnati. I am CCing him on this. I will be
> heading out of town soon and pretty much out of touch. If something
> needs to be done before I get back on the 4th or so it would be
> best for you and Shoji to talk directly. Shoji knows the time line
> for the SERDP SON.
>
> I am also Audrey Levine who is now the National Program Director for
> drinking water at EPA.
>
> My cell phone number is 301-332-7709.
>
> Have a good holiday.
>
> Laurence
>
>
>
=====

> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553
> FAX 202-546-8671
>
> From:
>
> "Shelley, Timothy Civ USAF AFMC AFRL/RXQF" <tim.shelley@tyndall.af.mil>
>
> To:
>
> Laurence Libelo/DC/USEPA/US@EPA
>
> Date:
>
> 12/21/2009 01:47 PM
>
> Subject:
>
> RE: Hello from the past
>
> Hi Laurence,
>
> Just wanted to let you know that this hasn't been forgotten about. I
> have briefed the fire guys, they are researching this. May not have an
> answer until after the holiday - is that OK? Part of the reason: the
> site(s) technically belong to Tyndall, not AFRL. As a result, we must
> make a corporate decision about whether to go after this, then we need
> to ask Tyndall if they will allow us to access their sites. Not
> impossible, we just need to go about this in an organized fashion.
>
> What's the timeline for the SERDP proposal process - is it already
> advertized? Or do you know when it is planned to be advertized?
>
> Thank you,

>
> Tim Shelley
>
>
> Timothy J. Shelley, Ph.D.
> Air Force Research Laboratory
> Airbase Security Technologies
> 104 Research Road Bldg 9735
> Tyndall AFB, FL 32403
>
> phone: 850 283-6037 (DSN 523-6037)
> fax: 850 283-1044 (DSN 523-1044)
>
> NIPRNET e-mail: tim.shelley@tyndall.af.mil
> SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil
>
>
> -----Original Message-----
> From: Libelo.Laurence@epamail.epa.gov
> [mailto:Libelo.Laurence@epamail.epa.gov]
> Sent: Tuesday, December 15, 2009 3:18 PM
> To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
> Subject: Hello from the past
>
>
> Hi Tim,
>
> How are you? How are things in Panama City? I was casting about for a
> contact in AFRL and saw that you are still at Tyndall. It is nice to
> see that not everyone has moved on.
>
> I am in the EPA Office of Pollution Prevention and Toxics in Washington.
> I have been asked by some of the folks in the EPA Office of Research and
> Development to help in contacting them with someone in the AF who might
> be interested in looking at fluorosurfactants and other fluorochemicals
> at fire training sites. It looks like the stuff we did with Audary
> Lavine 15 years ago is starting to be noticed. There is apparently a
> SERDP call out for perfluorinated chemical remediation at DOD sites and
> the EPA guys who have been working on these chemicals are interested in
> teaming with someone in DOD to work on this.
>
> If you get a chance can you give me a call? Not only about work but I
> would love to catch up with you and see how things are going.
>
> Laurence
>
>
>
> =====
> =====
>
> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553
> FAX 202-546-8671
>

Marc Mills/CI/USEPA/US

03/01/2010 10:30 AM

To Laurence Libelo, Shoji Nakayama

cc

bcc

Subject Re: Interesting AFFF PPT

UNBELIEVABLE! I assume this is EPA only material or can I share with the SERDP team?

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Laurence Libelo

After looking at this PPT do you think th...

03/01/2010 10:12:21 AM

From: Laurence Libelo/DC/USEPA/US
To: Toni Krasnic/DC/USEPA/US@EPA
Cc: Connie Roberts/R4/USEPA/US@EPA, Shoji Nakayama/CI/USEPA/US, Marc Mills/CI/USEPA/US@EPA, Bradley Grams/R5/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA, Kay Austin/DC/USEPA/US@EPA
Date: 03/01/2010 10:12 AM
Subject: Interesting AFFF PPT

After looking at this PPT do you think they might have an environmental contamination issue?
Connie or Brad, do you know who in Region 8 might be working on this?

[attachment "FireSprinklerTest.pps" deleted by Marc Mills/CI/USEPA/US]

Marc Mills/CI/USEPA/US

03/01/2010 12:34 PM

To Laurence Libelo

cc Shoji Nakayama

bcc

Subject Re: Interesting AFFF PPT

Thanks Laurence... I will forward some public links. If you find anything out about the site, let us know. May be another candidate site.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Laurence Libelo/DC/USEPA/US wrote on 03/01/2010 10:41:10 AM:

> From:
>
> Laurence Libelo/DC/USEPA/US
>
> To:
>
> Marc Mills/CI/USEPA/US@EPA
>
> Cc:
>
> Shoji Nakayama/CI/USEPA/US
>
> Date:
>
> 03/01/2010 10:40 AM
>
> Subject:
>
> Re: Interesting AFFF PPT
>
> Marc,
>
> This apparently happened in 2006. the photos are widely available
> online based on a quick google search.
>
> I wonder why we never heard about it before. Looking at the photos
> I think the AFFF release is probably a lot greater then the

> Etobicoke Creek release.
>
> Laurence
>
> From:
>
> Marc Mills/CI/USEPA/US
>
> To:
>
> Laurence Libelo/DC/USEPA/US@EPA, Shoji Nakayama/CI/USEPA/US
>
> Date:
>
> 03/01/2010 10:30 AM
>
> Subject:
>
> Re: Interesting AFFF PPT
>
> UNBELIEVABLE! I assume this is EPA only material or can I share
> with the SERDP team?
>
>
> Marc
>
>

> Marc A. Mills, Ph.D.
>
> United States Environmental Protection Agency
> Office of Research and Development
> National Risk Management Research Laboratory
> 26 W. Martin Luther King Dr.
> Cincinnati, OH 45268
>
> Tel 513.569.7322
> Fax 513.569.7620
> mills.marc@epa.gov

>
> From:
>
> Laurence Libelo/DC/USEPA/US
>
> To:
>
> Toni Krasnic/DC/USEPA/US@EPA
>
> Cc:
>
> Connie Roberts/R4/USEPA/US@EPA, Shoji Nakayama/CI/USEPA/US, Marc
> Mills/CI/USEPA/US@EPA, Bradley Grams/R5/USEPA/US@EPA, Cathy
> Fehrenbacher/DC/USEPA/US@EPA, Kay Austin/DC/USEPA/US@EPA
>
> Date:
>
> 03/01/2010 10:12 AM
>
> Subject:

>
> Interesting AFFF PPT
>
> After looking at this PPT do you think they might have an
> environmental contamination issue?
> Connie or Brad, do you know who in Region 8 might be working on this?
>
>
> [attachment "FireSprinklerTest.pps" deleted by Marc Mills/CI/USEPA/US]

Marc Mills/CI/USEPA/US

02/26/2010 12:00 PM

To Laurence Libelo

cc Shoji Nakayama, Debbie.Metz

bcc

Subject CWW data on the Ohio River

Laurence:

I spoke with Debbie Metz at Cincinnati Water Works regarding the data from the sampling they have completed on the Ohio River. I suggest you call her a call to discuss your needs and she can explain the data they have and considerations for releasing the data.

Debbie can be reached at the number below.

Debbie Metz

CWW

Phone: 513-624-5658

Debbie.Metz@gcww.cincinnati-oh.gov

If I can help in any way, give me a call.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322

Fax 513.569.7620

mills.marc@epa.gov

Marc Mills/CI/USEPA/US

02/26/2010 11:50 AM

To Laurence Libelo

cc Shoji Nakayama, emery

bcc

Subject ORSANCO data on the Ohio River

Laurence:

I spoke with Erich Emery at ORSANCO regarding the data from the study they did last summer that we are providing technical input towards. I suggest you call him to discuss your needs and he can explain the schedule and considerations for releasing the data.

Erich can be reached at the number below.

Erich Emery
ORSANCO
Manager of Research & Biological Programs
Phone: 513-231-7719
emery@orsanco.org

If I can help in any way, give me a call.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Marc Mills/CI/USEPA/US

01/21/2010 05:57 PM

To Shoji Nakayama

cc "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, "Henley, Mike V Civ USAF AFMC AFRL/RXQL"

bcc

Subject RE: PFC SON

Shoji, Mike, and John:

Can we go with 10am EST (9am CST) I have another meeting at 11am and I dont want to run short on time. If not, we will go with 1030am and Shoji can finish up on our end.

Let us know.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Shoji Nakayama/CI/USEPA/US wrote on 01/21/2010 02:44:29 PM:

> [image removed]
>
> RE: PFC SON
>
> Shoji Nakayama
>
> to:
>
> Henley, Mike V Civ USAF AFMC AFRL/RXQL
>
> 01/21/2010 02:44 PM
>
> Cc:
>
> "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Marc Mills
>
> Mike,
>
> I appreciate your interest in the joint submission of the SERDP
> proposal. Marc is on travel but I believe he will be OK with 10:30
> on January 28.
>

> As soon as I have a confirmation, I will let you know.
>
> Thank you,
>
> Shoji
>
>
> =====
> Shoji F. Nakayama, MD, PhD
> Phone: (513) 569-7490
> Fax: (513) 569-7620
>
> U.S. Environmental Protection Agency
> National Risk Management Research Laboratory
> 26 West Martin Luther King Drive, MS 190
> Cincinnati, OH 45268
> =====
>
> From:
>
> "Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil>
>
> To:
>
> Marc Mills/CI/USEPA/US@EPA
>
> Cc:
>
> Shoji Nakayama/CI/USEPA/US, Laurence Libelo/DC/USEPA/US@EPA, "Hearn,
> John D CTR USAF AFMC AFRL/RXQL" <John.Hearn@tyndall.af.mil>
>
> Date:
>
> 01/20/2010 12:51 PM
>
> Subject:
>
> RE: PFC SON
>
> Marc,
>
> Thanks for the note and interest. We, too, are very interested in a
> potential EPA/AF collaborative proposal on the SERDP topic.
>
> I am traveling the first part of next week but Thursday morning will work
> for me. How about 9:30 CST (10:30 EST)? Let me know if you want to call my
> number below or if you want to set up some other means of conferencing.
>
> I am sending a copy of this message to Dr. John Hearn. John is an in-house
> research contractor employed by Applied Research Associates. His research
> focuses on heterogeneous chemical interactions with materials and surfaces
> and he works very closely with me on efforts such as this.
>
> We look forward to our discussions.
>
> Best regards,
> Mike
>
>
> Michael V. Henley

> AFRL/RXQL
> 139 Barnes Dr., Suite 2
> Tyndall AFB, FL 32403-5323
> (850) 283-6050 Fax: (850) 283-6090
> mike.henley@tyndall.af.mil
>
>
> -----Original Message-----
> From: Mills.Marc@epamail.epa.gov [mailto:Mills.Marc@epamail.epa.gov]
> Sent: Tuesday, January 19, 2010 9:41 PM
> To: Libelo.Laurence@epamail.epa.gov; Henley, Mike V Civ USAF AFMC AFRL/RXQL
> Cc: Nakayama.Shoji@epamail.epa.gov
> Subject: Re: PFC SON
>
> Thanks Laurence. I am in Chicago this week but could schedule a call
> next week on Tuesday morning early or Thursday, or Friday.
>
> Mike, we would be interested in what you have going on related to this
> and would very excited to discuss a collaboration with you on this SERDP
> proposal.
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> Please let us know your availability next week and we will coordinate a
> call.
>
> Thank you both.
>
>
> Marc
>
> -----
> -
>
> Marc A. Mills, Ph.D.
>
> United States Environmental Protection Agency
> Office of Research and Development
> National Risk Management Research Laboratory
> 26 W. Martin Luther King Dr.
> Cincinnati, OH 45268
>
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> Fax 513.569.7620
> mills.marc@epa.gov
>
>
> Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:
>
> > [image removed]
> >
> > PFC SON
> >
> > Laurence Libelo
> >
> > to:
> >
> > mike.henley
> >
> > 01/19/2010 12:16 PM
> >
> > Cc:

> >
> > Shoji Nakayama, Marc Mills
> >
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> >
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> > Laurence
> >
> >
> =====
> =====
>
> > E. Laurence Libelo, Ph.D.
> > Senior Environmental Engineer
> > Exposure Assessment Branch
> > Office of Pollution Prevention and Toxics
> > U.S. Environmental Protection Agency
> > OPPTS/OPPT/EETD/EAB
> > 202-564-8553
> > FAX 202-546-8671
> >
> > From:
> >
> > Shoji Nakayama/CI/USEPA/US
> >
> > To:
> >
> > Laurence Libelo/DC/USEPA/US
> >
> > Cc:
> >
> > Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> > RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
> > Shoji Nakayama/CI/USEPA/US
> >
> > Date:
> >
> > 12/23/2009 10:48 AM
> >
> > Subject:
> >
> > RE: Hello from the past
> >
> > Laurence and Tim,
> >
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> >
> > I'm mostly coordinating this for Dr Marc Mills here at National Risk
> > Management Research Laboratory (NRMRL) and most likely Marc will
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> >
> > So far we have made up a tentative team within EPA including NRMRL
> > and National Exposure Research Laboratory (NERL) as well as out side
> > collaborators such as Minnesota Department of Health (MDH),
> > Minnesota Pollution Control Agency (MPCA), and University of
> Cincinnati (UC).
> >
> > The deadline of federal lead proposal is 11 March 2010 (<http://www.serd.org/Funding/core-fed/index.cfm>). I'm writing up a draft
> > proposal aiming mid-Jan when everybody will get together and polish
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> > precursors have been manufactured and used in much higher scale
> > (orders of magnitude) than PFOS and PFOA.
> >
> > SON: <http://www.serd.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>
> >
> > If you have any questions, please feel free to give us a contact.
> >
> > Have a wonderful holiday,
> >
> > Shoji
> >
> > =====
> > Shoji F. Nakayama, MD, PhD
> > Phone: (513) 569-7490
> > Fax: (513) 569-7620
> >
> > U.S. Environmental Protection Agency
> > National Risk Management Research Laboratory
> > 26 West Martin Luther King Drive, MS 190
> > Cincinnati, OH 45268
> > =====
> >
> > From:
> >
> > Laurence Libelo/DC/USEPA/US
> >
> > To:
> >
> > "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
> <tim.shelley@tyndall.af.mil>
> >
> > Cc:
> >
> > Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
> >

> > Date:
> >
> > 12/23/2009 10:18 AM
> >
> > Subject:
> >
> > RE: Hello from the past
> >
> > Hi Tim,
> >
> > Sounds great!
> >
> > The EPA part of this effort is being done mostly by Shoji Nakayama
> > in the ORD lab in Cincinnati. I am CCing him on this. I will be
> > heading out of town soon and pretty much out of touch. If something
> > needs to be done before I get back in the 4th or so it would be
> > best for you and Shoji to talk directly. Shoji knows the time line
> > for the SERDP SON.
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> > I am also Audrey Levine who is now the National Program Director for
> > drinking water at EPA.
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> > E. Laurence Libelo, Ph.D.
> > Senior Environmental Engineer
> > Exposure Assessment Branch
> > Office of Pollution Prevention and Toxics
> > U.S. Environmental Protection Agency
> > OPPTS/OPPT/EETD/EAB
> > 202-564-8553
> > FAX 202-546-8671
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> > To:
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> > Laurence Libelo/DC/USEPA/US@EPA
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> > Date:
> >
> > 12/21/2009 01:47 PM
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> > Subject:
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> > Thank you,
> >
> > Tim Shelley
> >
> >
> > Timothy J. Shelley, Ph.D.
> > Air Force Research Laboratory
> > Airbase Security Technologies
> > 104 Research Road Bldg 9735
> > Tyndall AFB, FL 32403
> >
> > phone: 850 283-6037 (DSN 523-6037)
> > fax: 850 283-1044 (DSN 523-1044)
> >
> > NIPRNET e-mail: tim.shelley@tyndall.af.mil
> > SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil
> >
> >
> > -----Original Message-----
> > From: Libelo.Laurence@epamail.epa.gov
> > [mailto:Libelo.Laurence@epamail.epa.gov]
> > Sent: Tuesday, December 15, 2009 3:18 PM
> > To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
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> >

> > If you get a chance can you give me a call? Not only about work but I
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> > 202-564-8553
> > FAX 202-546-8671
> >
>

Marc Mills/CI/USEPA/US
01/21/2010 10:54 PM

To "Henley, Mike V Civ USAF AFMC AFRL/RXQL"
cc "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Shoji Nakayama
bcc
Subject Re: PFC SON

Mike

Thank you for being flexible for our call. 10am EST it is.

And I understand the deadlines. We too will have to route this through EPA prior to the SERDP deadline.

Thanks and we will talk next week.

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

"Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil> wrote on
01/21/2010 07:02:09 PM:

> [image removed]
>
> Re: PFC SON
>
> Henley, Mike V Civ USAF AFMC AFRL/RXQL
>
> to:
>
> Marc Mills, Shoji Nakayama
>
> 01/21/2010 07:02 PM
>
> Cc:
>
> "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo
>
> Marc,
>
> 9:00CST (10:00EST) will work for us.
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> I need to let you know that the Air Force has a self-imposed pre-
> proposal deadline of 25 Jan for SERDP proposals being submitted by

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> to limit the number of submissions to a single SON by the AF. Since
> we have not had a chance to discuss a submission strategy, we will
> submit our current thoughts to secure a placeholder in case we
> choose to use it. It does not prevent us from participating on an
> EPA submission if that is the strategy we take.

>
> I hope this makes sense.

> We look forward to our discussions.

> Mike

> ----- Original Message -----

> From: Mills.Marc@epamail.epa.gov <Mills.Marc@epamail.epa.gov>
> To: Nakayama.Shoji@epamail.epa.gov <Nakayama.Shoji@epamail.epa.gov>
> Cc: Hearn, John D CTR USAF AFMC AFRL/RXQL;
> Libelo.Laurence@epamail.epa.gov <Libelo.Laurence@epamail.epa.gov>;
> Henley, Mike V Civ USAF AFMC AFRL/RXQL
> Sent: Thu Jan 21 16:57:51 2010
> Subject: RE: PFC SON

> Shoji, Mike, and John:

> Can we go with 10am EST (9am CST) I have another meeting at 11am and I
> dont want to run short on time. If not, we will go with 1030am and
> Shoji can finish up on our end.

> Let us know.

> Thanks

> Marc

> Marc A. Mills, Ph.D.

> United States Environmental Protection Agency
> Office of Research and Development
> National Risk Management Research Laboratory
> 26 W. Martin Luther King Dr.
> Cincinnati, OH 45268

> Tel 513.569.7322
> Fax 513.569.7620
> mills.marc@epa.gov

> Shoji Nakayama/CI/USEPA/US wrote on 01/21/2010 02:44:29 PM:

> > [image removed]

> > RE: PFC SON

> > Shoji Nakayama

> > to:

> >
> > Henley, Mike V Civ USAF AFMC AFRL/RXQL
> >
> > 01/21/2010 02:44 PM
> >
> > Cc:
> >
> > "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Marc Mills
> >
> > Mike,
> >
> > I appreciate your interest in the joint submission of the SERDP
> > proposal. Marc is on travel but I believe he will be OK with 10:30
> > on January 28.
> >
> > As soon as I have a confirmation, I will let you know.
> >
> > Thank you,
> >
> > Shoji
> >
> >
> > =====
> > Shoji F. Nakayama, MD, PhD
> > Phone: (513) 569-7490
> > Fax: (513) 569-7620
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> > =====
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> > From:
> >
> > "Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil>
> >
> > To:
> >
> > Marc Mills/CI/USEPA/US@EPA
> >
> > Cc:
> >
> > Shoji Nakayama/CI/USEPA/US, Laurence Libelo/DC/USEPA/US@EPA, "Hearn,
> > John D CTR USAF AFMC AFRL/RXQL" <John.Hearn@tyndall.af.mil>
> >
> > Date:
> >
> > 01/20/2010 12:51 PM
> >
> > Subject:
> >
> > RE: PFC SON
> >
> > Marc,
> >
> > Thanks for the note and interest. We, too, are very interested in a
> > potential EPA/AF collaborative proposal on the SERDP topic.
> >
> > I am traveling the first part of next week but Thursday morning will

> work
> > for me. How about 9:30 CST (10:30 EST)? Let me know if you want to
> call my
> > number below or if you want to set up some other means of
> conferencing.
> >
> > I am sending a copy of this message to Dr. John Hearn. John is an
> in-house
> > research contractor employed by Applied Research Associates. His
> research
> > focuses on heterogeneous chemical interactions with materials and
> surfaces
> > and he works very closely with me on efforts such as this.
> >
> > We look forward to our discussions.
> >
> > Best regards,
> > Mike
> >
> >
> > Michael V. Henley
> > AFRL/RXQL
> > 139 Barnes Dr., Suite 2
> > Tyndall AFB, FL 32403-5323
> > (850) 283-6050 Fax: (850) 283-6090
> > mike.henley@tyndall.af.mil
> >
> >
> > -----Original Message-----
> > From: Mills.Marc@epamail.epa.gov [mailto:Mills.Marc@epamail.epa.gov]
> > Sent: Tuesday, January 19, 2010 9:41 PM
> > To: Libelo.Laurence@epamail.epa.gov; Henley, Mike V Civ USAF AFMC
> > AFRL/RXQL
> > Cc: Nakayama.Shoji@epamail.epa.gov
> > Subject: Re: PFC SON
> >
> > Thanks Laurence. I am in Chicago this week but could schedule a call
> > next week on Tuesday morning early or Thursday, or Friday.
> >
> > Mike, we would be interested in what you have going on related to this
> > and would very excited to discuss a collaboration with you on this
> > SERDP
> > proposal.
> >
> > Please let us know your availability next week and we will coordinate
> > a
> > call.
> >
> > Thank you both.
> >
> >
> > Marc
> >
> >
> -----
> >
> > -
> >
> > Marc A. Mills, Ph.D.
> >

> > United States Environmental Protection Agency
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> > Tel 513.569.7322
> > Fax 513.569.7620
> > mills.marc@epa.gov
> >
> >
> > Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:
> >
> > > [image removed]
> > >
> > > PFC SON
> > >
> > > Laurence Libelo
> > >
> > > to:
> > >
> > > mike.henley
> > >
> > > 01/19/2010 12:16 PM
> > >
> > > Cc:
> > >
> > > Shoji Nakayama, Marc Mills
> > >
> > > Mike,
> > >
> > > It was good to talk to you this morning. It is nice to catch up a
> > > bit and hear about how things are going in Panama City.
> > >
> > > Here is some of the email traffic on the SON. I think it would be
> > > a really good collaboration between AFRL and The EPA/ORD. Your
> > > expertise on chemical surface interactions and on fire research
> > > would be a great match with their analytical capabilities.
> > >
> > > I would suggest you contact Marc and Shoji and set up a call to
> > > talk with them.
> > >
> > > Laurence
> > >
> > >
> >
> > =====
> >
> > =====
> >
> > > E. Laurence Libelo, Ph.D.
> > > Senior Environmental Engineer
> > > Exposure Assessment Branch
> > > Office of Pollution Prevention and Toxics
> > > U.S. Environmental Protection Agency
> > > OPPTS/OPPT/EETD/EAB
> > > 202-564-8553
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> > >
> > > Shoji Nakayama/CI/USEPA/US
> > >
> > > To:
> > >
> > > Laurence Libelo/DC/USEPA/US
> > >
> > > Cc:
> > >
> > > Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> > > RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
> > > Shoji Nakayama/CI/USEPA/US
> > >
> > > Date:
> > >
> > > 12/23/2009 10:48 AM
> > >
> > > Subject:
> > >
> > > RE: Hello from the past
> > >
> > > Laurence and Tim,
> > >
> > > Yes, it's indeed sounds very nice.
> > >
> > > I'm mostly coordinating this for Dr Marc Mills here at National Risk
> > > Management Research Laboratory (NRMRL) and most likely Marc will
> > > take a lead as a PI for the proposal.
> > >
> > > So far we have made up a tentative team within EPA including NRMRL
> > > and National Exposure Research Laboratory (NERL) as well as out side
> > > collaborators such as Minnesota Department of Health (MDH),
> > > Minnesota Pollution Control Agency (MPCA), and University of
> > > Cincinnati (UC).
> > >
> > > The deadline of federal lead proposal is 11 March 2010 (<http://www.serd.org/Funding/core-fed/index.cfm>). I'm writing up a draft
> > > proposal aiming mid-Jan when everybody will get together and polish
> > > it up. Although the SON (see below) says it's not required to have
> > > a field study, we think it is quite important to know actual
> > > situation in the field such as fate and transport of the target
> > > contaminants (PFOS and PFOA). We will be able to set up lab-scale
> > > treatment experiments which will certainly be reinforced by the
> > > field data. So we will be grateful if we could have a DoD
> > > collaborator who either can take samples from fields and send them
> > > to our analytical laboratories or will allow us to come to the
> > > fields and collect samples. Demanded samples include not only
> > > ground water but also surface soils and column soils in order to
> > > better characterize and understand the situation. Though the SON
> > > mentions little about soil research and treatment, we believe it is
> > > very important to understand the transport of the contaminants from
> > > soils to ground water and fate of precursors that potentially
> > > degrades to the targeted contaminants. It is known that the
> > > precursors have been manufactured and used in much higher scale
> > > (orders of magnitude) than PFOS and PFOA.
> > >
> > > SON: <http://www.serd.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>
> > >
> > > If you have any questions, please feel free to give us a contact.
> > >

> > > Have a wonderful holiday,
> > >
> > > Shoji
> > >
> > > =====
> > > Shoji F. Nakayama, MD, PhD
> > > Phone: (513) 569-7490
> > > Fax: (513) 569-7620
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> > >
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> > > -----Original Message-----
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> > > Sent: Tuesday, December 15, 2009 3:18 PM
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> > > FAX 202-546-8671
> > >
> >
>

Marc Mills/CI/USEPA/US
01/27/2010 11:32 AM

To "Henley, Mike V Civ USAF AFMC AFRL/RXQL"
cc "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Shoji Nakayama
bcc
Subject Re: PFC SON

Mike et al.

Please use the following conference bridge for our call tomorrow at 10am EST (9am CST).

513.569.7897 Code 7322#

If you have any problems connecting, try my cell phone 513.205.7220 to resolve.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

"Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil> wrote on
01/21/2010 07:02:09 PM:

> [image removed]
>
> Re: PFC SON
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> Henley, Mike V Civ USAF AFMC AFRL/RXQL
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> From: Mills.Marc@epamail.epa.gov <Mills.Marc@epamail.epa.gov>
> To: Nakayama.Shoji@epamail.epa.gov <Nakayama.Shoji@epamail.epa.gov>
> Cc: Hearn, John D CTR USAF AFMC AFRL/RXQL;
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> Thanks
>
>
> Marc
>
>

>
> Marc A. Mills, Ph.D.
>
> United States Environmental Protection Agency
> Office of Research and Development
> National Risk Management Research Laboratory
> 26 W. Martin Luther King Dr.
> Cincinnati, OH 45268
>
> Tel 513.569.7322
> Fax 513.569.7620
> mills.marc@epa.gov
>
>
> Shoji Nakayama/CI/USEPA/US wrote on 01/21/2010 02:44:29 PM:
>
> > [image removed]
> >
> > RE: PFC SON
> >
> > Shoji Nakayama

> >
> > to:
> >
> > Henley, Mike V Civ USAF AFMC AFRL/RXQL
> >
> > 01/21/2010 02:44 PM
> >
> > Cc:
> >
> > "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Marc Mills
> >
> > Mike,
> >
> > I appreciate your interest in the joint submission of the SERDP
> > proposal. Marc is on travel but I believe he will be OK with 10:30
> > on January 28.
> >
> > As soon as I have a confirmation, I will let you know.
> >
> > Thank you,
> >
> > Shoji
> >
> >
> > =====
> > Shoji F. Nakayama, MD, PhD
> > Phone: (513) 569-7490
> > Fax: (513) 569-7620
> >
> > U.S. Environmental Protection Agency
> > National Risk Management Research Laboratory
> > 26 West Martin Luther King Drive, MS 190
> > Cincinnati, OH 45268
> > =====
> >
> > From:
> >
> > "Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil>
> >
> > To:
> >
> > Marc Mills/CI/USEPA/US@EPA
> >
> > Cc:
> >
> > Shoji Nakayama/CI/USEPA/US, Laurence Libelo/DC/USEPA/US@EPA, "Hearn,
> > John D CTR USAF AFMC AFRL/RXQL" <John.Hearn@tyndall.af.mil>
> >
> > Date:
> >
> > 01/20/2010 12:51 PM
> >
> > Subject:
> >
> > RE: PFC SON
> >
> > Marc,
> >
> > Thanks for the note and interest. We, too, are very interested in a
> > potential EPA/AF collaborative proposal on the SERDP topic.

> >
> > I am traveling the first part of next week but Thursday morning will
> work
> > for me. How about 9:30 CST (10:30 EST)? Let me know if you want to
> call my
> > number below or if you want to set up some other means of
> conferencing.
> >
> > I am sending a copy of this message to Dr. John Hearn. John is an
> in-house
> > research contractor employed by Applied Research Associates. His
> research
> > focuses on heterogeneous chemical interactions with materials and
> surfaces
> > and he works very closely with me on efforts such as this.
> >
> > We look forward to our discussions.
> >
> > Best regards,
> > Mike
> >
> >
> > Michael V. Henley
> > AFRL/RXQL
> > 139 Barnes Dr., Suite 2
> > Tyndall AFB, FL 32403-5323
> > (850) 283-6050 Fax: (850) 283-6090
> > mike.henley@tyndall.af.mil
> >
> >
> > -----Original Message-----
> > From: Mills.Marc@epamail.epa.gov [mailto:Mills.Marc@epamail.epa.gov]
> > Sent: Tuesday, January 19, 2010 9:41 PM
> > To: Libelo.Laurence@epamail.epa.gov; Henley, Mike V Civ USAF AFMC
> > AFRL/RXQL
> > Cc: Nakayama.Shoji@epamail.epa.gov
> > Subject: Re: PFC SON
> >
> > Thanks Laurence. I am in Chicago this week but could schedule a call
> > next week on Tuesday morning early or Thursday, or Friday.
> >
> > Mike, we would be interested in what you have going on related to this
> > and would very excited to discuss a collaboration with you on this
> > SERDP
> > proposal.
> >
> > Please let us know your availability next week and we will coordinate
> > a
> > call.
> >
> > Thank you both.
> >
> >
> > Marc
> >
> >
> >
> -----
> >
> > -
> >

> > Marc A. Mills, Ph.D.
> >
> > United States Environmental Protection Agency
> > Office of Research and Development
> > National Risk Management Research Laboratory
> > 26 W. Martin Luther King Dr.
> > Cincinnati, OH 45268
> >
> > Tel 513.569.7322
> > Fax 513.569.7620
> > mills.marc@epa.gov
> >
> >
> > Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:
> >
> > > [image removed]
> > >
> > > PFC SON
> > >
> > > Laurence Libelo
> > >
> > > to:
> > >
> > > mike.henley
> > >
> > > 01/19/2010 12:16 PM
> > >
> > > Cc:
> > >
> > > Shoji Nakayama, Marc Mills
> > >
> > > Mike,
> > >
> > > It was good to talk to you this morning. It is nice to catch up a
> > > bit and hear about how things are going in Panama City.
> > >
> > > Here is some of the email traffic on the SON. I think it would be
> > > a really good collaboration between AFRL and The EPA/ORD. Your
> > > expertise on chemical surface interactions and on fire research
> > > would be a great match with their analytical capabilities.
> > >
> > > I would suggest you contact Marc and Shoji and set up a call to
> > > talk with them.
> > >
> > > Laurence
> > >
> > >
> > >
> =====
>
> > =====
> >
> > > E. Laurence Libelo, Ph.D.
> > > Senior Environmental Engineer
> > > Exposure Assessment Branch
> > > Office of Pollution Prevention and Toxics
> > > U.S. Environmental Protection Agency
> > > OPPTS/OPPT/EETD/EAB
> > > 202-564-8553
> > > FAX 202-546-8671

> > >
> > > From:
> > >
> > > Shoji Nakayama/CI/USEPA/US
> > >
> > > To:
> > >
> > > Laurence Libelo/DC/USEPA/US
> > >
> > > Cc:
> > >
> > > Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> > > RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
> > > Shoji Nakayama/CI/USEPA/US
> > >
> > > Date:
> > >
> > > 12/23/2009 10:48 AM
> > >
> > > Subject:
> > >
> > > RE: Hello from the past
> > >
> > > Laurence and Tim,
> > >
> > > Yes, it's indeed sounds very nice.
> > >
> > > I'm mostly coordinating this for Dr Marc Mills here at National Risk
> > > Management Research Laboratory (NRMRL) and most likely Marc will
> > > take a lead as a PI for the proposal.
> > >
> > > So far we have made up a tentative team within EPA including NRMRL
> > > and National Exposure Research Laboratory (NERL) as well as out side
> > > collaborators such as Minnesota Department of Health (MDH),
> > > Minnesota Pollution Control Agency (MPCA), and University of
> > > Cincinnati (UC).
> > >
> > > The deadline of federal lead proposal is 11 March 2010 (<http://www.serdp.org/Funding/core-fed/index.cfm>). I'm writing up a draft
> > > proposal aiming mid-Jan when everybody will get together and polish
> > > it up. Although the SON (see below) says it's not required to have
> > > a field study, we think it is quite important to know actual
> > > situation in the field such as fate and transport of the target
> > > contaminants (PFOS and PFOA). We will be able to set up lab-scale
> > > treatment experiments which will certainly be reinforced by the
> > > field data. So we will be grateful if we could have a DoD
> > > collaborator who either can take samples from fields and send them
> > > to our analytical laboratories or will allow us to come to the
> > > fields and collect samples. Demanded samples include not only
> > > ground water but also surface soils and column soils in order to
> > > better characterize and understand the situation. Though the SON
> > > mentions little about soil research and treatment, we believe it is
> > > very important to understand the transport of the contaminants from
> > > soils to ground water and fate of precursors that potentially
> > > degrades to the targeted contaminants. It is known that the
> > > precursors have been manufactured and used in much higher scale
> > > (orders of magnitude) than PFOS and PFOA.
> > >
> > > SON: <http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>
> > >

> > > If you have any questions, please feel free to give us a contact.
> > >
> > > Have a wonderful holiday,
> > >
> > > Shoji
> > >
> > > =====
> > > Shoji F. Nakayama, MD, PhD
> > > Phone: (513) 569-7490
> > > Fax: (513) 569-7620
> > >
> > > U.S. Environmental Protection Agency
> > > National Risk Management Research Laboratory
> > > 26 West Martin Luther King Drive, MS 190
> > > Cincinnati, OH 45268
> > > =====
> > >
> > > From:
> > >
> > > Laurence Libelo/DC/USEPA/US
> > >
> > > To:
> > >
> > > "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
> > > <tim.shelley@tyndall.af.mil>
> > >
> > > Cc:
> > >
> > > Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
> > >
> > > Date:
> > >
> > > 12/23/2009 10:18 AM
> > >
> > > Subject:
> > >
> > > RE: Hello from the past
> > >
> > > Hi Tim,
> > >
> > > Sounds great!
> > >
> > > The EPA part of this effort is being done mostly by Shoji Nakayama
> > > in the ORD lab in Cincinnati. I am CCing him on this. I will be
> > > heading out of town soon and pretty much out of touch. If something
> > > needs to be done before I get back in the 4th or so it would be
> > > best for you and Shoji to talk directly. Shoji knows the time line
> > > for the SERDP SON.
> > >
> > > I am also Audrey Levine who is now the National Program Director for
> > > drinking water at EPA.
> > >
> > > My cell phone number is 301-332-7709.
> > >
> > > Have a good holiday.
> > >
> > > Laurence
> > >
> > >
> > >

> >
> =====
>
> > =====
> >
> > > E. Laurence Libelo, Ph.D.
> > > Senior Environmental Engineer
> > > Exposure Assessment Branch
> > > Office of Pollution Prevention and Toxics
> > > U.S. Environmental Protection Agency
> > > OPPTS/OPPT/EETD/EAB
> > > 202-564-8553
> > > FAX 202-546-8671
> > >
> > > From:
> > >
> > > "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
> > <tim.shelley@tyndall.af.mil>
> > >
> > > To:
> > >
> > > Laurence Libelo/DC/USEPA/US@EPA
> > >
> > > Date:
> > >
> > > 12/21/2009 01:47 PM
> > >
> > > Subject:
> > >
> > > RE: Hello from the past
> > >
> > > Hi Laurence,
> > >
> > > Just wanted to let you know that this hasn't been forgotten about.
> > I
> > > have briefed the fire guys, they are researching this. May not have
> > an
> > > answer until after the holiday - is that OK? Part of the reason:
> > the
> > > site(s) technically belong to Tyndall, not AFRL. As a result, we
> > must
> > > make a corporate decision about whether to go after this, then we
> > need
> > > to ask Tyndall if they will allow us to access their sites. Not
> > > impossible, we just need to go about this in an organized fashion.
> > >
> > > What's the timeline for the SERDP proposal process - is it already
> > > advertized? Or do you know when it is planned to be advertized>
> > >
> > > Thank you,
> > >
> > > Tim Shelley
> > >
> > >
> > > Timothy J. Shelley, Ph.D.
> > > Air Force Research Laboratory
> > > Airbase Security Technologies
> > > 104 Research Road Bldg 9735
> > > Tyndall AFB, FL 32403
> > >

> > > phone: 850 283-6037 (DSN 523-6037)
> > > fax: 850 283-1044 (DSN 523-1044)
> > >
> > > NIPRNET e-mail: tim.shelley@tyndall.af.mil
> > > SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil
> > >
> > >
> > > -----Original Message-----
> > > From: Libelo.Laurence@epamail.epa.gov
> > > [mailto:Libelo.Laurence@epamail.epa.gov]
> > > Sent: Tuesday, December 15, 2009 3:18 PM
> > > To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
> > > Subject: Hello from the past
> > >
> > >
> > > Hi Tim,
> > >
> > > How are you? How are things in Panama City? I was casting about
> > > for
> > > a
> > > contact in AFRL and saw that you are still at Tyndall. It is nice
> > > to
> > > see that not everyone has moved on.
> > >
> > > I am in the EPA Office of Pollution Prvetion and Toxics in
> > > Washington.
> > > I have been asked by some of the folks in the EPA Office of Research
> > > and
> > > Development to help in conceting them with someone in the AF who
> > > might
> > > be interested in looking at fluorosurfactants and other
> > > fluorochemicals
> > > at fire training sites. It looks like the stuff we did with Audary
> > > Lavine 15 years ago is starting to be noticed. There is apparently
> > > a
> > > SERDP call out for perfluorinated cheimcal remediation at DOD sites
> > > and
> > > the EPA guys who have been working on these chemicals are
> > > inteerested
> > > in
> > > teaming with someone in DOD to work on this.
> > >
> > > If you get a chance can you give me a call? Not only about work but
> > > I
> > > would love to catch up with you and see how thinks are going.
> > >
> > > Laurence
> > >
> > >
> > >
> > >
> > >
> > >
> > > =====
> > > =====
> > >
> > >
> > > E. Laurence Libelo, Ph.D.
> > > Senior Environmental Engineer
> > > Exposure Assessment Branch
> > > Office of Pollution Prevention and Toxics
> > > U.S. Environmental Protection Agency

> > > OPPTS/OPPT/EETD/EAB
> > > 202-564-8553
> > > FAX 202-546-8671
> > >
> >
>

Mark Garvey/DC/USEPA/US

05/10/2010 04:24 PM

To Andrea V Malinowski

cc David Lynch, Michael Bellot, Cathy Fehrenbacher

bcc

Subject Could the SEP Limit Future ILSI Expenditures to Under \$100,000?

Andrea,

As EPA is reviewing the ILSI expenditure to date, we are wondering what we are paying for. With the SEP budget limiting our testing options dramatically, EPA believes that ILSA's role in the SEP may be limited to assisting the panel in reviewing the characterization and pilot study design and testing results. This may lead to suggestions for how to change the full SCAS testing. With such a substantial reduction in work, it appears fitting that there is a substantial reduction in cost. Our understanding is that ILSI has charged the SEP \$171,050 + \$15,000 of pending charges. This much merely to set up a panel? Since a non-CBI version of the full studies will be provided to the general scientific community, EPA is questioning whether it is necessary to pay SEP money to have the Peer Consultation Panel review the results of SCAS testing. I would like to discuss this issue with you as soon as possible.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Mark Garvey/DC/USEPA/US
02/22/2010 02:10 PM

To Cathy Fehrenbacher, David Lynch, Greg Fritz, Laurence
Libelo

cc

bcc

Subject Rescheduled: Wildlife call (Feb 24 02:00 PM EST)

Mark Garvey/DC/USEPA/US

05/12/2010 03:57 PM

To Cathy Fehrenbacher

cc David Lynch, Greg Fritz, Laurence Libelo, Michael Bellot,
Tony Ellis

bcc

Subject Re: Yesterday's Determinations on the SEP

I should have mentioned that Dave Lynch did most of the heavy lifting to get all the decisions made on chemicals.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information,
attorney-work product, enforcement sensitive material or privileged information.

Cathy Fehrenbacher Thanks Mark. Very good news! I'... 05/12/2010 02:55:58 PM

From: Cathy Fehrenbacher/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA, Tony Ellis/DC/USEPA/US@EPA
Cc: Laurence Libelo/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA
Date: 05/12/2010 02:55 PM
Subject: Re: Yesterday's Determinations on the SEP

Thanks Mark. Very good news! I'm glad we intervened on the ILSI costs which are still substantial. I guess we'll see whether the reduced funding still enables them to hire an expert.

Cathy

Mark Garvey

----- Original Message -----

From: Mark Garvey
Sent: 05/12/2010 02:45 PM EDT
To: Cathy Fehrenbacher; David Lynch; Michael Bellot; Tony Ellis
Cc: Laurence Libelo; Greg Fritz
Subject: Yesterday's Determinations on the SEP

Cathy ,Mike, and all -

With yesterday's approval of the Wildlife Work Plan, EPA has identified that we want to conduct the control and the A3 chemical for a Pilot study as the first steps to doing 4 sets of pilot tests. We are also requesting ORD to send material to the contractor labs to replace the C3 material that was lost.

Andrea Malinowski and I spoke about limiting the ILSI expenditures. The initial estimate for ILSI was \$990K. ILSI has been paid \$171,000 for finding board members, getting public comment and creating the Peer Consultation Panel. An additional \$15 K has gone into a search for an expert consultant to ILSI

and an initial conference call ILSI held with the Panel. I've ask Andrea to let ILSI know that with the budget constraints, there is a scaling back of ILSI's role, because it is important that we get as much testing done as possible and we can make information available to the public after the testing to review results. ILSI's role and the Panel will focus on the review of the Characterization, Review of PILOT and making suggestions for conducting SCAS. Andrea said she would approach ILSI about whether this was possible for \$215.000 additional and a total of \$400K. If there is money after testing is completed we could revisit ILSI's role and the Panel's role since the SEP contemplated a post testing review but also contemplated continual testing until we run out of money. However, initially, the thinking for the SEP was that SCAS would get performed - there would be a Panel review - then additional testing --404-- would be done with the remaining funds. We now understand that \$5 million will not get us testing of any 404 and not all of the SCAS.

Having decided which chemical to do the Pilot on has now identified which chemical will get Characterization. Thus, yesterday has started into action , the Characterization, the control Pilot, the A3 Pilot and the re-programming of the ILSI budget in order to perform additional testing.

It actually feels like we are making it somewhere!

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey/DC/USEPA/US

01/26/2010 01:46 PM

To Cathy Fehrenbacher, David Lynch, Michael Bellot

cc Greg Fritz, Laurence Libelo

bcc

Subject Fw: MPI Research Contract Executed - DuPont SEP
Characterization

More Good News.

This means we have contracts with Scope of Work in place for Characterization, Biodegradation, and a Panel Administrator.

Now the SEP really kicks into gear. Pilot testing and characterization are set to begin.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information,
attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 01/26/2010 01:43 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Tony Ellis/DC/USEPA/US@EPA,
Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 01/26/2010 01:25 PM
Subject: MPI Research Contract Executed

Mark:

Section III. G. b. of Appendix A to the CAFO requires DuPont to notify EPA within five (5) business days from the date that DuPont and MPI Research execute the biodegradation contract. DuPont and MPI Research executed the contract on January 26, 2010. This email serves as that notification. If you have any questions, please let me know.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike

Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Francais Deutsch Italiano Espanol Portugues Japanese Chinese Korean

http://www.DuPont.com/corp/email_disclaimer.html

Mark Garvey/DC/USEPA/US

05/12/2010 02:45 PM

To Cathy Fehrenbacher, David Lynch, Michael Bellot, Tony Ellis

cc Laurence Libelo, Greg Fritz

bcc

Subject Yesterday's Determinations on the SEP

Cathy ,Mike, and all -

With yesterday's approval of the Wildlife Work Plan, EPA has identified that we want to conduct the control and the A3 chemical for a Pilot study as the first steps to doing 4 sets of pilot tests. We are also requesting ORD to send material to the contractor labs to replace the C3 material that was lost.

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It actually feels like we are making it somewhere!

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey/DC/USEPA/US

05/06/2010 02:26 PM

To David Lynch

cc

bcc

Subject 3 anylte & 4 chems for MPI

EPA has decided NOT to obtain the custom synthesis of the 3 analytes that currently have no analytical standards. This include NOT obtaining analysis of these 3 analytes in the test substances and biodegradation studies

MPI to characterize the purified polymer and laboratory synthesized polymer variants of A1, A3, C3 and D1

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Mark Garvey/DC/USEPA/US

04/13/2010 12:43 PM

To David Lynch

cc

bcc

Subject Accepted: SEP Budget and Wildlife Int Cost Estimates

Mark Garvey/DC/USEPA/US

04/13/2010 09:13 PM

To David Lynch

cc

bcc

Subject Accepted: SEP Budget and Wildlife Int Cost Estimates

Mark Garvey/DC/USEPA/US

05/27/2010 12:28 PM

To David Lynch

cc

bcc

Subject conference call on SEP

Meeting

Date 06/01/2010

Time 01:00:00 PM to 02:00:00 PM

Chair Mark Garvey

Invitees

Required David Lynch

Optional

FYI

Location

Mark Garvey/DC/USEPA/US
04/20/2010 08:37 AM

To David Lynch
cc
bcc
Subject Declined: dupont - biodeg sep

Mark Garvey/DC/USEPA/US

05/10/2010 03:55 PM

To David Lynch

cc

bcc

Subject DRAFT __ DRAFT __DRAFT Wildlife Modifications

Bob:

EPA anticipates working closely with DuPont in order to give input on a weekly or biweekly basis throughout the duration of the Wildlife work. It's our understanding that the cost estimates in the Wildlife Work Plan are maximum estimates and that there is likely to be significant cost savings as the work progresses. EPA believes that the Work Plan should be modified to identify substance A3 for pilot testing concurrently with the control pilot. EPA understands that the \$454,000 estimate stated in the Work Plan Appendix A - Summary of Estimated costs on page 12 is for 24 months of rental. Based on an expected 18 months of use, the cost estimate should be amended to \$18,917 per month and a total of \$340,500. Finally, As mentioned in a prior email, EPA does not believe the 3 analytes requiring synthesis should be synthesized. These are on page 15 - Appendix D of the Work Plan attached. These 3 analytes to exclude are: 2-H Perfluorooctanoic acid (2-H PFOA) CAS# 142821-003-2, 7-3 Fluorotelomer unsaturated acid (7-3 FTUCA) CAS# 755-03-3, 7-3 Fluorotelemer unsaturated amide (7-3 UAmide) CAS# 56017-64-2.

With these modifications and the understanding of continual input as described above, The Wildlife Work Plan is Approved by EPA.

Thank You
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey/DC/USEPA/US

05/10/2010 11:52 AM

To David Lynch

cc

bcc

Subject Fw: Informing ILSI of the Changes in the Scope of the Lab Work / Likely Impact on ILSI Work

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 05/10/2010 11:52 AM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 01/20/2010 10:48 AM
Subject: Re: Informing ILSI of the Changes in the Scope of the Lab Work / Likely Impact on ILSI Work

Mark:

ILSI was informed of the changes in scopes of work for both Wildlife and MPI.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama
il.epa.gov

01/19/2010 03:00
PM

Robert J Tucker/AE/DuPont@DuPont

Andrea V

To

cc

Malinowski/AE/DuPont@DuPont, Robert
J Tucker/AE/DuPont@DuPont,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject

Re: Informing ILSI of the Changes
in the Scope of the Lab Work /
Likely Impact on ILSI Work

Bob:

You mentioned in your email that ILSI is not aware of the changes in the Scope of Work for the labs. I think you're referring to the Global Change for both biodegradation and characterization to test only 2 variants and the extensive scale back on the number of Pilot Tests to be performed. EPA believes that ILSI should be made aware of substantial changes to the Scope of Work since this could impact the work ILSI will be performing under the SEP.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

|----->
| From: |
|----->

>-----
-----|

|Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
|

>-----

-----|

|----->
| To: |
|----->

>-----
-----|

|Mark Garvey/DC/USEPA/US@EPA
|

>-----
-----|

|----->
| Cc: |
|----->

>-----
-----|

|Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J
Tucker <Robert.J.Tucker@USA.dupont.com> |

>-----
-----|

|----->
| Date: |
|----->

>-----
-----|

|01/15/2010 11:21 AM
|

>-----
-----|

|----->
| Subject: |
|----->

>-----
-----|

|Re: Have you Updated the SEP Timeline to fit with the current schedules?
|

>-----
-----|

Mark:

We'll need to figure out how to sync the biodeg and characterization lab timelines to the ILSI timeline attached. ILSI expects to have the first analytical report by March 8th for review with the panel. ILSI is not aware of the scope changes we have discussed with the labs. Do you know when we can expect EPA's approval of the MPI characterization contract? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

(See attached file: Biodegradation SEP Panel Admin Timeline - 1-15-10.pdf)

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(See attached file: Biodegradation SEP Panel Admin Timeline - 1-15-10.pdf)

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Mark Garvey/DC/USEPA/US

04/19/2010 05:23 PM

To David Lynch

cc

bcc

Subject Fw: Can we talk tomorrow? Wildlife Work Plan Status of
EPA Review / Next Steps

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 04/19/2010 05:23 PM -----

From: Mark Garvey/DC/USEPA/US
To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Cathy
Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA
Date: 04/19/2010 05:22 PM
Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

Can David Lynch and I talk with you Tuesday morning at 11 To go over potential work plan changes and
money reallocation?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

Mark Garvey	Bob: I spoke with my David Lynch and...	04/16/2010 09:43:13 AM
-------------	---	------------------------

From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski
<Andrea.V.Malinowski@USA.dupont.com>
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA
Date: 04/16/2010 09:43 AM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the **Appendix A : List of Potential Telomer Products Needing Characterization**

It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

I'll call your office at 9AM. Thanks. Re...

04/15/2010 07:42:07 AM

Mark Garvey/DC/USEPA/US

05/27/2010 12:30 PM

To David Lynch

cc

bcc

Subject Fw: Re:Whether to have Frequent conference calls following
Approval of Wildlife Work Plan with Certain Modifications

I hit reply to all and it did not include you. I meant to.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information,
attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 05/27/2010 12:30 PM -----

From: Mark Garvey/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>
Date: 05/27/2010 12:29 PM
Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with
Certain Modifications

Bob,

The Oil spill in the Gulf is eating a lot of the OPPT staff time. We won't be able to have a conference
call this week. Dave Lynch is available on Tuesday after Memorial day (June 1). Would 1:00 work?

Mark

Mark Garvey
Attorney
202-564-4168
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Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

Mark Garvey

Bob Let me check with OPPT & my man...

05/19/2010 10:20:01 AM

From: Mark Garvey/DC/USEPA/US
To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 05/19/2010 10:20 AM
Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with Certain Modifications

Bob

Let me check with OPPT & my management to see how they want to handle this.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker	Mark: As follow-up from your 5/10 ema...	05/19/2010 09:43:13 AM
-----------------	--	------------------------

Mark Garvey/DC/USEPA/US

06/01/2010 02:20 PM

To David Lynch

cc

bcc

Subject Invitation: DuPont SEP Call (Jun 16 10:00 AM EDT)

Mark Garvey/DC/USEPA/US

05/06/2010 02:51 PM

To David Lynch

cc

bcc

Subject Re: Next Steps in MPI and Wildlife work plan approval

For Dave Review ===INTERNAL

Bob,

In order to determine the Wild Life Work Plan, we need to figure out which substances will be characterized.

MPI should characterize the purified polymer and laboratory synthesized polymer variants of A1, A3, C3 and D1. Since we know we need a control, Wild Life should begin the process to set that up on the Pilot.

EPA has decided NOT to include the 3 analytes on the list of analytes that currently have no analytical standards. Thus there would be no need for custom synthesis. Analysis of these 3 analytes in the test substances and biodegradation studies would also **not** be included.

We are still looking for DuPont to tell us whether the analytical equipment can be rented for 1 year. We are also considering how much money can be transferred from ILSI. Our current thinking is that MPI and Wild Life can move on the activities above while EPA and DuPont figure out the budget over the next week.

Mark Garvey
Attorney
202-564-4168
US EPA
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Garvey.Mark@epa.gov

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Robert J Tucker	Terrific! Thanks for the update. Regards,	05/06/2010 09:36:58 AM
-----------------	---	------------------------

From:	Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To:	Mark Garvey/DC/USEPA/US@EPA
Date:	05/06/2010 09:36 AM
Subject:	Re: We're working on Wildlife work plan approval?

Terrific! Thanks for the update.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

12/22/2009 08:50 PM

To David Lynch

cc Cathy Fehrenbacher, David Lynch, Laurence Libelo, Michael Bellot

bcc

Subject Re: Wednesday is final day to respond on - ILSI RF Proposed Peer Consultation Panel

Do we have issues with the panel selection?

There was an email on Dec 16 from Steve Olin saying we had until Dec 23 to comment but that ILSI thought an extension of a week may not be a problem during the holiday week. Both EPA and DuPont would need to agree to the extension. I don't have enough information to know if the panel selected is a good one. It excludes Marbury - is that a problem?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
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Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey/DC/USEPA/US

04/16/2010 09:22 AM

To David Lynch

cc Cathy Fehrenbacher, Greg Fritz, Laurence Libelo

bcc

Subject Re: DON'T SEND OUT YET: Fw: Internal Deliberative: SEP Biodegradation Budget; Need Input to Inform Decision on ILSI (Peer Consultation) Participation...

I spoke with Mike Bellot, my branch chief, about amending the SEP to delete much of the Peer Consultation Panel requirements and he agrees that it makes sense to reduce the panel requirements in order to get performance on biodegradation. I'm also sending an email to Bob Tucker this morning to continue the task C in biodegradation (adapting the soil methods to this process) to try to keep us closer to the schedule outlined while we decide how to proceed. I'll ask him to clarify the cost savings on characterization as well. My understanding is that there were 4 sets of 2 variants in our work plan. For these, there were start up costs but for each chemical that was excluded from characterization, \$64,000 was saved. Thus, if EPA wants to have only the 2 variants each of chemical A-1 and B (4 chemicals total) and exclude the 2 variants each of C-1 & D-1 then $4 * 64 = 256K$. ALSO - there is the expenditure of over \$70K to develop and synthesize 3 analytes. Do we need that?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
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Garvey.Mark@epa.gov

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David Lynch

[All, I spoke to Mark yesterday afternoon...](#)

04/16/2010 08:07:17 AM

From: David Lynch/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA
Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Mark Garvey/DC/USEPA/US@epa
Date: 04/16/2010 08:07 AM
Subject: DON'T SEND OUT YET: Fw: Internal Deliberative: SEP Biodegradation Budget; Need Input to Inform Decision on ILSI (Peer Consultation) Participation...

All,

I spoke to Mark yesterday afternoon and it appears we had a miscommunication on the cost of characterization per substance. I understood it to be \$64K per test substance, but apparently it is not, and based on the complicated conversation Mark had with Bob Tucker, we can't figure out what it is without another discussion with DuPont.

I think we still have a point to make about saving resources to use on biodegradation by reducing ILSI

work and by cutting back on the number of characterizations we do, but right now we don't have good estimates of cost per characterization to include in the e-mail to Wendy.

I'm out of the office today but hope to get this straightened out on Monday. If anybody talks to Mark today and gets the cost straightened out, please copy me on the e-mail.

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

----- Forwarded by David Lynch/DC/USEPA/US on 04/16/2010 07:51 AM -----

From: David Lynch/DC/USEPA/US
To: Laurence Libelo/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA
Date: 04/15/2010 04:44 PM
Subject: Fw: Internal Deliberative: SEP Biodegradation Budget; Need Input to Inform Decision on ILSI (Peer Consultation) Participation...

Gents,

Cathy wants to send this up to Wendy to get her approval to free up \$\$ for SEP biodeg by reducing ILSI work and cutting back on the number of chemicals we characterize and run pilot and full studies on.

Please give her any feedback you have so she can send this out.

I'm out of the office on Friday and back on Monday.

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
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Washington, DC 20460

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----- Forwarded by David Lynch/DC/USEPA/US on 04/15/2010 04:41 PM -----

From: Cathy Fehrenbacher/DC/USEPA/US
To: David Lynch/DC/USEPA/US@EPA
Cc: Mark Garvey/DC/USEPA/US@epa
Date: 04/15/2010 04:00 PM
Subject: Re: Fw: Internal Deliberative: SEP Biodegradation Budget; Need Input to Inform Decision on ILSI (Peer Consultation) Participation...

Thanks Dave - your hypothetical scenario looks good to me. Please pass it by Laurence and Greg to get their input.

Cathy Fehrenbacher, CIH, Chief
Exposure Assessment Branch
USEPA/Office of Pollution Prevention and Toxics
1200 Pennsylvania Ave., N.W. (7406M)
Washington, DC 20460
Phone: 202-564-8551
Fax: 202-564-8892

Deliveries:
Room 5102A EPA East Building
1201 Constitution Avenue, N.W.
Washington, DC 20004

David Lynch	Comments below in blue and represent...	04/15/2010 02:57:00 PM
Cathy Fehrenbacher	Hi Dave and Mark. here's the draf...	04/15/2010 01:25:33 PM

Mark Garvey/DC/USEPA/US
02/02/2010 03:22 PM

To David Lynch, Cathy Fehrenbacher
cc Greg Fritz, Laurence Libelo
bcc
Subject Re: Fw: Does it make sense to try to have a call with Wildlife scientist next Monday?
Application of EPA Analytical Methodology - Wildlife Work Plan **Questions from Wildlife

John Washington said he would review this tomorrow or Thursday. This looks to me like there are items that EPA wants to have explained. Should we plan for a call Monday Feb. 8?

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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David Lynch	I think Laurence and Greg make good p...	02/02/2010 02:56:02 PM
-------------	--	------------------------

From:	David Lynch/DC/USEPA/US
To:	Laurence Libelo/DC/USEPA/US@EPA
Cc:	Greg Fritz/DC/USEPA/US@EPA, Mark Garvey/DC/USEPA/US@EPA
Date:	02/02/2010 02:56 PM
Subject:	Re: Fw: Could Laurence and John see Greg's comments by Thursday? Application of EPA Analytical Methodology - Wildlife Work Plan **Questions from Wildlife

I think Laurence and Greg make good points and I don't have anything to add.

I forwarded the questions to Carolyn Acheson in ORD Cin as an FYI and told her if she or her analytical chemist (Shoji Nakayama) had any comments to get them to us by Thursday.

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

Laurence Libelo	Mark, Here are my comments on Greg'...	02/02/2010 02:35:36 PM
Mark Garvey	Laurence and John - Greg has made...	02/02/2010 11:25:13 AM
Greg Fritz	Dr. Gregory Fritz USEPA/OPPTS/OPPT...	02/01/2010 08:17:43 AM
Mark Garvey	Forwarding message that Wildlife sent _...	01/29/2010 09:21:30 PM

Mark Garvey/DC/USEPA/US

04/14/2010 07:29 PM

To David Lynch

cc Cathy Fehrenbacher, Greg Fritz, Laurence Libelo

bcc

Subject Re: Internal Deliberative: SEP Biodegradation Budget

Thanks - this really useful.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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David Lynch

Cathy, Here's the information we have s...

04/14/2010 06:28:48 PM

From: David Lynch/DC/USEPA/US
To: Cathy Fehrenbacher/DC/USEPA/US@EPA
Cc: Mark Garvey/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA
Date: 04/14/2010 06:28 PM
Subject: Internal Deliberative: SEP Biodegradation Budget

Cathy,

Here's the information we have so far on the SEP testing costs

Test Substance Characterization by MPI Labs	\$1,530,000
ILSI Peer Consultation Panel	\$1,000,000

Wildlife International Biodegradation Testing (from March 16, 2010 work plan)

Fixed costs

Pilot test design	\$8,000
Analytical methods adaptation	\$210,000
Methods expansion	\$51,000
Methods validation	\$103,000
Analytical equipment leasing	\$454,000

Fixed cost total	\$826,000
------------------	-----------

14 day Pilot SCAS Biodegradation Testing (April, 2010 estimates)

2 purified products, 2 lab

synthesized products	\$293,000
Total for fixed costs and pilot scale testing	\$1,119,000

March cost estimates for 1 full SCAS study (costs could be reduced if less frequent sampling is employed)

purified products	\$1,025,800
lab synthesized products	\$593,200

Total range for fixed costs, pilot scale and full SCAS testing	\$1,712,200 to \$2,144,800
--	----------------------------

Our last SEP balance was dated 12/09 and we had about \$1,778,000 in remaining SEP funds. That assumes a \$1,000,000 commitment to ILSI. Any deobligation of those funds would add to our resources for biodegradation testing.

According to the latest time line I could find, the final biodegradation lab reports are to come to EPA on 6/27/11. This time line will likely change as many milestones have slipped. Mark may have more up to date information on deliverable dates.

Please let me know if you have any questions.

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

Mark Garvey/DC/USEPA/US

01/04/2010 09:28 PM

To David Lynch, Cathy Fehrenbacher, Greg Fritz, Laurence Libelo

cc Michael Bellot, Tony Ellis

bcc

Subject Fw: New DuPont K forthcoming (To be Sent by mail as CBI)
Revised Scope Mod for MPI - EPA Approval of Contract with MPI

I'm still hoping to have a read on the non-cbi portions (price schedule) with the Wed meeting on panel members.

We'll need to wait to get the CBI portions of the K before all EPA approval on MPI is final.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
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Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 01/04/2010 09:24 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 01/04/2010 04:27 PM
Subject: Re: Revised Scope Mod for MPI - EPA Approval of Contract with MPI

Mark:

Andrea reminded me that we did have one change to make to the contract document, so I will need to send a revised copy of the contract order form to you as CBI. I'll work with Glenn Johnson on our end to get that change made, then make the submission to EPA for approval. Sorry about that, but my vacation got the best of me.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803

Fax 302-992-4094

Robert J
Tucker/AE/DuPont

01/04/2010 11:48
AM

Garvey.Mark@epa.gov

To

cc

Andrea V
Malinowski/AE/DuPont@DuPont, Robert
J Tucker/AE/DuPont@DuPont

Subject

Revised Scope Mod for MPI - EPA
Approval of Contract with MPI

Mark:

Happy New Year! I hope you enjoyed your time off. I'm getting back into the swing of things w/r/t to the SEP. My first priority is to get the MPI (characterization lab) contract executed. The conference call we had with MPI before the holidays did not affect any aspect of the contract EPA approved in October. The only updates to that October approval are the revised cost estimate and revised scope of work. Since neither of those documents contain CBI, I am sending them along to you to help expedite EPA review and approval. If EPA approves these changes, I can add the date of EPA's approval to the scope modification and quickly execute the contract with MPI. Should I also do a formal submission to Tony Ellis, or can you use this email as the submittal for approval? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
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Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US
03/24/2010 12:25 PM

To David Lynch, Cathy Fehrenbacher, Laurence Libelo, Greg
Fritz
cc Michael Bellot
bcc
Subject Fw: Wildlife Work Plan - Question on \$454,000 for
Instrumentation

David and Cathy,

Yikes !! This eats up a lot of the SEP money.

Mark

----- Forwarded by Mark Garvey/DC/USEPA/US on 03/24/2010 12:23 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>
Date: 03/24/2010 08:50 AM
Subject: Re: Wildlife Work Plan - Question on \$454,000 for Instrumentation

Mark:

The cost in question is for the leasing of instrumentation needed for the SEP program as described in our contract with Wildlife. The instrument leasing costs specified in the contract are \$18,900.00 per month for 24 months and it is our understanding that these costs will be applied against the SEP funds on a monthly basis. Please let me know if you have any questions or would like additional clarification.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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http://www.DuPont.com/corp/email_disclaimer.html

Mark Garvey/DC/USEPA/US

05/19/2010 04:47 PM

To David Lynch, Cathy Fehrenbacher

cc Michael Bellot

bcc

Subject Fw: Re:Does EPA want stability study? -- Wildlife Work Plan
with Certain Modifications

Dave,

I remember talking to DuPont about this, but I don't remember what was finally decided. See email below.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 05/19/2010 04:45 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>
Date: 05/19/2010 02:42 PM
Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with
Certain Modifications

Mark:

I got your email, thanks. Another question came up in our discussions with Wildlife regarding EPA's desired work plan modifications. Do we still want Wildlife to conduct the sample stability study? That was estimated at \$154,000, but EPA questioned the need for it. We didn't discuss it in the call you, David and I had, so I wanted to close the loop on that one. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike

Wilmington, DE 19805
Office 302-992-5803
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Mark Garvey/DC/USEPA/US
02/16/2010 12:59 PM

To David Lynch, Greg Fritz, Laurence Libelo, Cathy
Fehrenbacher
cc
bcc
Subject Fw: Wildlife International Commencement of Work -
Submission of work plan

FYI -- We need to reschedule the call.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 02/16/2010 12:59 PM -----

From: Mark Garvey/DC/USEPA/US
To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>, Tony Ellis/DC/USEPA/US@EPA, Michael
Bellot/DC/USEPA/US@EPA
Date: 02/16/2010 11:55 AM
Subject: Re: Wildlife International Commencement of Work - Submission of work plan

Bob:

EPA has no objection to this extension. I'll try to re-schedule the conference call as soon as possible.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Tony Ellis/DC/USEPA/US@EPA, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 02/16/2010 11:45 AM
Subject: Wildlife International Commencement of Work - Submission of work plan

Mark:

As provided in Section III. I. of Appendix A to the CAFO, the biodegradation laboratory (Wildlife International) shall commence the work identified in Section IV.B, within thirty (30) days from the date that DuPont and the laboratory execute the contract to perform such work. The laboratory shall commence such work by submitting the work plan to EPA that describes the work the laboratory has been contracted to perform. DuPont and Wildlife International executed the EPA-approved contract on January 18, 2010, establishing a February 17, 2010 deadline for submission of the work plan to EPA. On January 29, 2010, DuPont submitted to EPA a list of questions and comments from Wildlife (WLI) on the analytical methods that EPA provided and that Wildlife is using in the SCAS test. EPA's response to those questions and comments are needed before WLI can complete the analytical methods section of their work plan. DuPont has suggested teleconferences on a couple of occasions; however, the blizzards of 2010 have prevented those calls from occurring. For this reason, WLI has been unable to complete their work plan for submission to EPA by February 17, 2010.

Per our discussion this morning, DuPont would like to exercise the first extension provision described under Section II. L. 1. of Appendix A to the CAFO by notifying EPA no later than one business day prior to the deadline. The provision allows for an automatic 30-day extension. This additional time will allow DuPont, EPA, and Wildlife International to schedule a conference call to discuss the comments and questions, and submit a work plan that could be approved by EPA. If you have any questions, please feel free to contact me.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US
02/18/2010 09:52 PM

To: David Lynch, Greg Fritz, Laurence Libelo, Cathy Fehrenbacher
cc: Michael Bellot
bcc:
Subject: Fw: Conference Call with Wildlife - Wednesday at 3:00**OR** at 2:00 with Study director

David, Greg, Laurence and Cathy,

DuPont and Wildlife are OK with 3:00 -- BUT would prefer 2:00 on Wednesday so that the Study Director of Wildlife could join the call.

I can make it at 2:00 and would prefer to have the Wildlife Study Director on the call. If this works for Greg, David and Laurence I recommend we move the call up an hour. Cathy's calendar looked booked for that time slot when I checked. Otherwise, let's keep it at 3:00. Please let me know your preference either way.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 02/18/2010 09:46 PM -----

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 02/18/2010 01:46 PM
Subject: Re: Conference Call with Wildlife - Wednesday at 3:00?

Mark:

That works for DuPont and Wildlife chemists, but if EPA is amenable to start earlier, at say 2:00, we could have the Study Director from Wildlife join in as well. Let me know what you decide. Otherwise, we'll keep the 3PM start time. I assume you will provide the phone number like you have done in the past. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager

DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

02/17/2010 10:53
PM

Robert J Tucker/AE/DuPont@DuPont
Bellot.Michael@epamail.epa.gov,
Lynch.David@epamail.epa.gov
Subject
Re: Conference Call with Wildlife -
Wednesday at 3:00?

To
cc

Bob,

All the rescheduling has pushed us to next week. 3:00 Wednesday works for EPA. Will that work for you?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 02/12/2010 08:48 AM

Subject: Conference Call with Wildlife

Mark:

Hope you're all dug out! I was hoping we could re-schedule the Wildlife call that the storm postponed. Please let me know when is good for EPA. Their workplan is to be submitted to EPA by 2/17. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

02/16/2010 05:12 PM

To David Lynch, Laurence Libelo, Greg Fritz, Cathy

Fehrenbacher

cc Michael Bellot

bcc

Subject Fw: Reschedule of Wildlife Call - Tuesday at 2:00?

David, Laurence, Greg and Cathy,

Will Tuesday (2/23/2010) at 2:00 work for the conference call? I understand this week is out so we are now pushed back an additional week. I would like to get the conference call in on Tuesday. If 2:00 will work let me know, if it does not work, please suggest a time on Tuesday. I'm available all day.

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 02/16/2010 05:08 PM -----

From: Mark Garvey/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 02/08/2010 09:44 AM
Subject: Re: Fw: Federal Government Closed in DC on Monday ***
Need to Reschedule call for 10:30 Monday -- Conf Call with DuPont, Wildlife and EPA -

Robert,

David and I just discussed the situation. We decided we'll need to reschedule. Sorry for the inconvenience but the blizzard seems to have stopped everything.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey Robert, We had 32 inches of snow at D... 02/07/2010 10:44:45 PM

From: Mark Garvey/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 02/07/2010 10:44 PM
Subject: Re: Fw: Federal Government Closed in DC on Monday ***
Confirming call for 10:30 Monday -- Conf Call with DuPont, Wildlife and EPA - 1- (866) 299-3188
passcode: 202 564 4168#

Robert,

We had 32 inches of snow at Dulles Airport in Northern VA near me. The Fed. government is closed Monday. Unless I hear from David, Laurence and Greg that they will be on the call despite the closure, I'll need to reschedule the call.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Mark Garvey To all In the off chance that DC gets ove... 02/03/2010 08:22:56 PM

Mark Garvey/DC/USEPA/US
02/03/2010 08:15 PM

To David Lynch, Laurence Libelo, Greg Fritz
cc Cathy Fehrenbacher, Michael Bellot
bcc
Subject Re: Fw:Meet at 10 to prep for 10:30 call-- Accepted: Wildlife Work Plan Issues

Wildlife has confirmed for 10:30 Monday.
Dave suggested we meet at 10 on Monday to prep. I think it's a good idea. If the 18 inches of snow allow us to get to work Monday let's meet. Otherwise we can call in.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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David Lynch	Ok got it from 10 - 11:30. Maybe we sh...	02/03/2010 04:16:40 PM
-------------	---	------------------------

From:	David Lynch/DC/USEPA/US
To:	Mark Garvey/DC/USEPA/US@EPA
Date:	02/03/2010 04:16 PM
Subject:	Re: Fw:Could yo sign up your conf Room? Accepted: Wildlife Work Plan Issues

Ok got it from 10 - 11:30. Maybe we should meet at 10 for prep

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

Mark Garvey	It would be nice if we could meet in the...	02/03/2010 03:10:33 PM
-------------	---	------------------------

Mark Garvey/DC/USEPA/US
04/16/2010 09:23 AM

To Laurence Libelo
cc Cathy Fehrenbacher
bcc
Subject Re: Fw: DON'T SEND OUT YET: Fw: Internal Deliberative:
SEP Biodegradation Budget; Need Input to Inform Decision
on ILSI (Peer Consultation) Participation...

I have a meeting at 11 and another at 2

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

Laurence Libelo	Mark, Are you in today?	Laurence	04/16/2010 09:13:08 AM
-----------------	-------------------------	----------	------------------------

From:	Laurence Libelo/DC/USEPA/US
To:	
Cc:	Mark Garvey/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA
Date:	04/16/2010 09:13 AM
Subject:	Fw: DON'T SEND OUT YET: Fw: Internal Deliberative: SEP Biodegradation Budget; Need Input to Inform Decision on ILSI (Peer Consultation) Participation...

Mark, Are you in today?

Laurence

David Lynch	All, I spoke to Mark yesterday afternoon...	04/16/2010 08:07:17 AM
-------------	---	------------------------

David Lynch	Comments below in blue and represent...	04/15/2010 02:57:00 PM
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Cathy Fehrenbacher	Hi Dave and Mark. here's the draf...	04/15/2010 01:25:33 PM
--------------------	--------------------------------------	------------------------

Mark Garvey/DC/USEPA/US
12/21/2009 05:46 PM

To Laurence Libelo, Cathy Fehrenbacher, Greg Fritz, David Lynch
cc Michael Bellot
bcc
Subject Re: Fw: Anyone available for Tuesday afternoon call with DuPont and MPI ?
-- We need to Reschedule Call ---
DuPont/MPI Characterization Assistance--- 1- (866) 299-3188 passcode: 202 564 4168#

Hi everyone:

MPI and Dupont would still like to have a call. I may be working from home since my neighborhood is still in really bad shape.

Laurence indicated he could make a call but may need to call from home.

What about Dave and Greg and Cathy? It would not be a productive call with just me on the line. Who do we need to get the issues addressed?

Thanks,
Mark

Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Laurence Libelo	Mark, I will probably be home tomarrow...	12/21/2009 02:37:15 PM
-----------------	---	------------------------

From:	Laurence Libelo/DC/USEPA/US
To:	Mark Garvey/DC/USEPA/US@EPA
Date:	12/21/2009 02:37 PM
Subject:	Re: Fw: Federal offices Closed in DC -- We need to Reschedule Call --- DuPont/MPI Characterization Assistance--phone call today-- Conf Call with DuPont and EPA - 1- (866) 299-3188 passcode: 202 564 4168#

Mark,

I will probably be home tomarrow also if the schools areclosed. I can call in if this goes.

Laurence

Mark Garvey	Bob: With 2 feet of snow on the ground...	12/21/2009 09:45:07 AM
Robert J Tucker	Mark: As I mentioned to you on the ph...	12/15/2009 09:47:26 AM

Mark Garvey/DC/USEPA/US
02/17/2010 05:07 PM

To Laurence Libelo, David Lynch
cc
bcc
Subject Fw: Did You see the rescheduled time for the "Accepted:
Wildlife call"

Laurence & David;

Greg has accepted for Wednesday at 3. Cathy gave a tentative acceptance. I'd like to call DuPont and let them know we're trying for next Wed at 3, but I want to make sure this works for you. I saw Laurence accepted for Tuesday but I had to reschedule for the next day.

Let me know if Wed works.

Thanks,

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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----- Forwarded by Mark Garvey/DC/USEPA/US on 02/17/2010 05:02 PM -----

Accepted: Wildlife call
Tue 02/23/2010 2:00 PM - 3:00 PM
No Location Information

Laurence Libelo	has accepted this meeting invitation
------------------------	--------------------------------------

Required:	Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA
-----------	--

Mark Garvey/DC/USEPA/US

02/08/2010 09:44 AM

To Mark Garvey

cc Andrea V Malinowski, Cathy Fehrenbacher, David Lynch,
Greg Fritz, Laurence Libelo, Michael Bellot, Robert J Tucker
bcc

Subject Re: Fw: Federal Government Closed in DC on Monday ***
Need to Reschedule call for 10:30 Monday -- Conf Call with
DuPont, Wildlife and EPA -

Robert,

David and I just discussed the situation. We decided we'll need to reschedule.
Sorry for the inconvenience but the blizzard seems to have stopped everything.

Mark

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US EPA
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Mark Garvey

Robert, We had 32 inches of snow at D...

02/07/2010 10:44:45 PM

From: Mark Garvey/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Cathy
Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Greg
Fritz/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, Michael
Bellot/DC/USEPA/US@EPA, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 02/07/2010 10:44 PM
Subject: Re: Fw: Federal Government Closed in DC on Monday ***
Confirming call for 10:30 Monday -- Conf Call with DuPont, Wildlife and EPA - 1- (866) 299-3188
passcode: 202 564 4168#

Robert,

We had 32 inches of snow at Dulles Airport in Northern VA near me. The Fed. government is closed
Monday. Unless I hear from David, Laurence and Greg that they will be on the call despite the closure, I'll
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Thanks,
Mark

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Garvey.Mark@epa.gov

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Mark Garvey

To all In the off chance that DC gets ove...

02/03/2010 08:22:56 PM

Mark Garvey/DC/USEPA/US

05/07/2010 02:18 PM

To Mark Garvey

cc Andrea V Malinowski, Cathy Fehrenbacher, David Lynch,
Michael Bellot, Robert J Tucker

bcc

Subject Re: Next Steps working on MPI & Wildlife work plan

Just to be clear - I meant - How's Monday at 11 for you and I to talk?

Mark Garvey

How's 11 am? Mark

05/07/2010 02:17:15 PM

From: Mark Garvey/DC/USEPA/US
To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Cathy Fehrenbacher/DC/USEPA/US@EPA, David Lynch/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA
Date: 05/07/2010 02:17 PM
Subject: Re: Next Steps working on MPI & Wildlife work plan

How's 11 am?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: I tried to call you, but your voice...

05/07/2010 01:54:45 PM

Mark Garvey/DC/USEPA/US

05/07/2010 02:17 PM

To Robert J Tucker

cc Andrea V Malinowski, Cathy Fehrenbacher, David Lynch,
Michael Bellot

bcc

Subject Re: Next Steps working on MPI & Wildlife work plan

How's 11 am?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: I tried to call you, but your voice...

05/07/2010 01:54:45 PM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Michael Bellot/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA, David
Lynch/DC/USEPA/US@EPA, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>
Date: 05/07/2010 01:54 PM
Subject: Re: Next Steps working on MPI & Wildlife work plan

Mark:

I tried to call you, but your voicemail said you were out today. Let's
plan on talking on Monday. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

05/06/2010 02:59
PM

Robert J Tucker/AE/DuPont@DuPont

To

cc

Lynch.David@epamail.epa.gov,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject

Next Steps working on MPI &
Wildlife work plan

Bob,

In order to determine the Wildlife Work Plan, we need to figure out which substances will be characterized. MPI should characterize the purified polymer and laboratory synthesized polymer variants of A1, A3, C3 and D1. Since we know we need a control, Wildlife should begin the process to set that up on the pilot. Please let us know when Wildlife is ready to begin the control pilot.

EPA has decided NOT to include the 3 analytes on the list of analytes that currently have no analytical standards. Thus there would be no need for custom synthesis. There would also be no need for analysis of these 3 analytes in the test substances and biodegradation studies.

We are still looking for DuPont to tell us whether the analytical equipment can be rented for 1 year as this will impact fund available for biodegradation testing. We are also considering how much money can be transferred from the ILSI contract. Our current thinking is that MPI and Wildlife can move on the activities above while EPA and DuPont figure out the budget over the next week.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 05/06/2010 09:36 AM
Subject: Re: We're working on Wildlife work plan approval?

Terrific! Thanks for the update.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

04/16/2010 09:43 AM

To Robert J Tucker, Andrea V Malinowski

cc Cathy Fehrenbacher, Michael Bellot

bcc Laurence Libelo

Subject Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with my David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the **Appendix A : List of Potential Telomer Products Needing Characterization**

It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker I'll call your office at 9AM. Thanks. Re...

04/15/2010 07:42:07 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/15/2010 07:42 AM
Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review / Next Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803

Fax 302-992-4094

Garvey.Mark@epa
il.epa.gov

04/14/2010 07:30
PM

Robert J Tucker/AE/DuPont@DuPont

To

cc

Subject

Re: 9 am ? Wildlife Work Plan
Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/14/2010 02:52 PM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

I'm available before 10 and between 11-2 tomorrow. I want to catch up with you since I was out on vacation. We can also discuss when would be best to talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

05/22/2010 12:11 PM

To Robert J Tucker, Andrea V Malinowski

cc David Lynch, Cathy Fehrenbacher, Carolyn Acheson, Greg Fritz, Laurence Libelo, Michael Bellot

bcc

Subject Fw: EPA's Research & Development Office from Cincinnati would like to visit Wildlife International on SEP work on July 19, 20 or 21
-To be joined by EPA's Risk Assessment Division staff assigned to the SEP

Bob

I am forwarding an email requesting a lab visit of one of the contractors currently performing work under the Biodegradation SEP. Please let us know if this visit can be accommodated.

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 05/22/2010 12:02 PM -----

From: David Lynch/DC/USEPA/US
To: Mark Garvey/DC/USEPA/US@EPA
Date: 05/21/2010 06:02 PM
Subject: We'd like to set up a visit to Wildlife International on SEP work on July 19, 20 or 21

Hello Mark,

Carolyn Acheson from ORD Cincinnati, will be visiting Washington, DC, on July 19th through 22nd. As her group will be running SCAS studies on some of the telomer based fluoropolymers covered by the SEP she would like to combine her trip to Washington with a laboratory visit to Wildlife International to observe and discuss SCAS testing of these materials.

Would you please pass this request through Bob Tucker at DuPont to Ed Schaefer at Wildlife International to see if they can accommodate her on 19, 20, or 21. She would be accompanied by OPPT staff working on the SEP (probably Cathy Fehrenbacher, Greg Fritz, Dave Lynch and Laurence Libelo).

Thanks,

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency

1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

Mark Garvey/DC/USEPA/US

04/20/2010 03:18 PM

To Robert J Tucker

cc Andrea V Malinowski, David Lynch, Michael Bellot

bcc

Subject Re: Talk at 2 on Wednesday-- Wildlife Work Plan Status of EPA Review / Next Steps

It's OK if she joins but I would prefer not to delay the call further if she's not available. Tomorrow's call is to try to walk thru the Wildlife proposed plan to get an idea of costs so that certain chemicals can get full biodegradation. We will probably need another conversation to walk thru whether there are legal adjustments to be made.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: Do we need Andrea on this call?...

04/20/2010 01:07:33 PM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 04/20/2010 01:07 PM
Subject: Re: Talk at 2 on Wednesday-- Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

Do we need Andrea on this call? I don't know if she is available at 2PM tomorrow, but I can check.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

04/20/2010 12:17 PM

Robert J Tucker/AE/DuPont@DuPont

To

CC

Lynch.David@epamail.epa.gov,
Fritz.Greg@epamail.epa.gov,
Libelo.Laurence@epamail.epa.gov

Subject

Re: Talk at 2 on Wednesday--
Wildlife Work Plan Status of EPA
Review / Next Steps

Bob,

Let's move this to tomorrow at 2:00. Greg Fritz & Laurence Libelo are also able to join us then.

The call in number is

866-299-3188
code # 202-564-4168 --

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: David Lynch/DC/USEPA/US@EPA

Date: 04/20/2010 11:57 AM

Subject: Re: Talk at 3-- Wildlife Work Plan Status of EPA Review /
Next Steps

Mark:

I'm sorry, another call came up. Can we talk at 3:30?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 04/20/2010 09:53 Robert J Tucker/AE/DuPont@DuPont

AM

cc Lynch.David@epamail.epa.gov

Subject Re: Talk at 3-- Wildlife Work
Plan Status of EPA Review / Next
Steps

we'll call you

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: David Lynch/DC/USEPA/US@EPA

Date: 04/20/2010 09:19 AM

Subject: Re: Can we talk at 3? Wildlife Work Plan Status of EPA Review / Next Steps

That works. Will you call me or should I call you?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

To 04/20/2010 08:38 AM Robert J Tucker/AE/DuPont@DuPont

cc Lynch.David@epamail.epa.gov

Subject Re: Can we talk at 3? Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

How's 3?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/20/2010 07:41 AM

Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of
EPA
Review / Next Steps

Mark:

I'm tied up until 1PM today. Can we talk sometime after 1PM? I'm also
available tomorrow after 1PM. Please let me know. Thanks!

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 04/19/2010 05:22 Robert J Tucker/AE/DuPont@DuPont

PM

cc Andrea V

Malinowski/AE/DuPont@DuPont,

Fehrenbacher.Cathy@epamail.epa.gov,

Bellot.Michael@epamail.epa.gov

Subject

Re: Can we talk tomorrow?

Wildlife Work Plan Status of EPA

Review / Next Steps

Bob:

Can David Lynch and I talk with you Tuesday morning at 11 To go over potential work plan changes and money reallocation?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA

Date: 04/16/2010 09:43 AM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the Appendix A : List of Potential Telomer Products Needing Characterization

It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/15/2010 07:42 AM

Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review /
Next
Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 04/14/2010 07:30 Robert J Tucker/AE/DuPont@DuPont
PM
cc
Subject Re: 9 am ? Wildlife Work Plan
Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/14/2010 02:52 PM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

I'm available before 10 and between 11-2 tomorrow. I want to catch up with you since I was out on vacation. We can also discuss when would be best to talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

04/14/2010 02:25 PM

To Robert J Tucker

cc Andrea V Malinowski, David Lynch, Robert J Tucker

bcc

Subject Re: Wildlife Work Plan Status of EPA Review / Next Steps

Sorry, I'm booked today. How's tomorrow?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: Do you think we can get a call lin...

04/14/2010 07:57:57 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: David Lynch/DC/USEPA/US@EPA, Andrea V Malinowski
<Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 04/14/2010 07:57 AM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

Do you think we can get a call lined up with Wildlife and EPA this week? We have some decisions to make pretty quickly in order to stay on the schedule outlined in Wildlife's work plan. Are you available anytime between 11 and 2 today for you and I to discuss? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama
il.epa.gov

04/13/2010 09:18
PM

To
Robert J Tucker/AE/DuPont@DuPont
cc
Lynch.David@epamail.epa.gov
Subject
Re: Wildlife Work Plan Status of
EPA Review / Next Steps

Bob,

I received your voice mails today about getting together to talk about next steps with Wild Life. Wild life spoken with OPPT and sent you a copy of the email they sent to OPPT's David Lynch with possible modifications to the work plan and their costs. OPPT is meeting Wednesday to go consider next steps on this. You and I should talk this week.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, William R Berti <William.R.Berti@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 04/01/2010 07:55 AM

Subject: Re: Wildlife Work Plan Status of EPA Review

Mark:

Thanks for your response. As I mentioned, I will be out of the office until Thursday (4/8). I won't have email access during this time. If you need to discuss something w/r/t the biodegradation work plan, please feel free to contact Bill Berti here at DuPont. Bill is leading the biodegradation work for DuPont, so he is in close contact with the folks at Wildlife. David and Greg know Bill well. I included Bill's email address on the cc so you may contact him directly if needed in my absence.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

05/19/2010 05:09 PM

To Robert J Tucker

cc Andrea V Malinowski, Robert J Tucker, David Lynch, Cathy Fehrenbacher, Michael Bellot

bcc

Subject Re:Stability study not needed in Wildlife Work Plan

Bob,

Thanks for checking with us on this. I asked David Lynch in OPPT and he said,
"We decided, based on the stability work on similar analytes, that the stability study was not needed.
As a precaution, any samples that can not be immediately analyzed should be frozen."

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: I got your email, thanks. Anothe...

05/19/2010 02:42:22 PM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 05/19/2010 02:42 PM
Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with Certain Modifications

Mark:

I got your email, thanks. Another question came up in our discussions with Wildlife regarding EPA's desired work plan modifications. Do we still want Wildlife to conduct the sample stability study? That was estimated at \$154,000, but EPA questioned the need for it. We didn't discuss it in the call you, David and I had, so I wanted to close the loop on that one.
Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233

4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

12/08/2009 10:45 AM

To Robert J Tucker

cc Andrea V Malinowski, Tony Ellis, David Lynch, Greg Fritz,
Laurence Libelo

bcc

Subject Re: 3:30 phone call today? Questions on Contract Approval

Bob:

EPA has been discussing the best direction for the SEP given the cost estimates you provided. We are weighing whether it's better to test a couple of chemicals all the way thru SCAS testing or to focus our current resources on characterization and pilot study (method development) with very limited resources available for SCAS testing. Could we talk today so we can try to finalize the contract that will give us the flexibility to move one way or the other.
Will 3:30 work?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Robert J Tucker	You are correct. The cover letters and...	12/07/2009 09:37:43 AM
-----------------	---	------------------------

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Tony Ellis/DC/USEPA/US@EPA
Date: 12/07/2009 09:37 AM
Subject: Re: I think the CBI refers to the Contract and not the Cover Letters Biodegradation Laboratory Final Draft of Proposed Contract for EPA Review and Approval

You are correct. The cover letters and CD content letters do not contain CBI. They were just labeled that way so you would know which packages/cds to look for in the mail. Sorry for the confusion.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805

Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.
il.epa.gov

12/07/2009 09:33
AM

Robert J Tucker/AE/DuPont@DuPont

To

cc

Andrea V
Malinowski/AE/DuPont@DuPont, Robert
J Tucker/AE/DuPont@DuPont,
Ellis.Tony@epamail.epa.gov

Subject

Re: I think the CBI refers to the
Contract and not the Cover Letters
Biodegradation Laboratory Final
Draft of Proposed Contract for EPA
Review and Approval

Bob:

The attachments you sent say RE: " . . . CBI Version" on them - but I think they are referring to the CBI version of the Contract and not a CBI Cover letter. Could you confirm this is correct? I'll need to delete email if the attachments were CBI.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

|----->

| From: |
|----->

>-----
-----|

| Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
|

>-----
-----|

|----->
| To: |
|----->

>-----
-----|

| Mark Garvey/DC/USEPA/US@EPA
|

>-----
-----|

|----->
| Cc: |
|----->

>-----
-----|

| Tony Ellis/DC/USEPA/US@EPA, Andrea V Malinowski
<Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com> |

>-----
-----|

|----->
| Date: |
|----->

>-----
-----|

| 12/04/2009 12:07 PM
|

>-----
-----|

|----->
| Subject: |
|----->

>-----
-----|

| Biodegradation Laboratory Final Draft of Proposed Contract for EPA

Review and Approval

|

>-----
-----|

Mark:

The official copy of these documents were sent to Tony Ellis via FEDEX today in both electronic and hard copy form. I will email a copy of the public documents to you under a separate cover. You'll want to get a copy of the CBI documents from Tony when they arrive. That would include the contract order form, general service agreement and addendum, and the nondisclosure agreement. If you have any questions, please let me know. Thanks.

(See attached file: CD 2009-11a Cover Letter Biodegradation Contract CBI.pdf) (See attached file: CD 2009-11a Content Letter - Biodegradation Contract CBI.pdf)

(See attached file: CD 2009-11b Cover Letter Biodegradation Contract Public.pdf) (See attached file: CD 2009-11b Content Letter - Biodegradation Contract Public.pdf)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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[attachment "CD 2009-11a Cover Letter Biodegradation Contract CBI.pdf"]

deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11a Content Letter - Biodegradation Contract CBI.pdf" deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11b Cover Letter Biodegradation Contract Public.pdf" deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11b Content Letter - Biodegradation Contract Public.pdf" deleted by Mark Garvey/DC/USEPA/US]

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Mark Garvey/DC/USEPA/US
04/20/2010 08:38 AM

To Robert J Tucker
cc David Lynch
bcc
Subject Re: Can we talk at 3? Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

How's 3?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Robert J Tucker Mark: I'm tied up until 1PM today. Can... 04/20/2010 07:41:43 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/20/2010 07:41 AM
Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

I'm tied up until 1PM today. Can we talk sometime after 1PM? I'm also available tomorrow after 1PM. Please let me know. Thanks!

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.
il.epa.gov

04/19/2010 05:22
PM

To
Robert J Tucker/AE/DuPont@DuPont
CC
Andrea V
Malinowski/AE/DuPont@DuPont,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov
Subject
Re: Can we talk tomorrow?
Wildlife Work Plan Status of EPA
Review / Next Steps

Bob:

Can David Lynch and I talk with you Tuesday morning at 11 To go over potential work plan changes and money reallocation?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA

Date: 04/16/2010 09:43 AM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the Appendix A : List of Potential Telomer Products Needing Characterization

It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/15/2010 07:42 AM

Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review / Next Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To

04/14/2010 07:30

Robert J Tucker/AE/DuPont@DuPont

PM

cc

Subject

Re: 9 am ? Wildlife Work Plan

Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/14/2010 02:52 PM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

I'm available before 10 and between 11-2 tomorrow. I want to catch up
with
you since I was out on vacation. We can also discuss when would be best
to
talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
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Mark Garvey/DC/USEPA/US

04/20/2010 03:39 PM

To Robert J Tucker

cc David Lynch

bcc

Subject Re: Talk at 2 on Wednesday-- Wildlife Work Plan Status of EPA Review / Next Steps

It may be helpful so we can get numbers for the cost of various procedures. Again, I think it's important that we talk tomorrow, but if Wildlife is available that would probably be helpful.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker	I should have asked before, but do we...	04/20/2010 03:30:02 PM
-----------------	--	------------------------

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/20/2010 03:30 PM
Subject: Re: Talk at 2 on Wednesday-- Wildlife Work Plan Status of EPA Review / Next Steps

I should have asked before, but do we need Wildlife on the call too?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US
04/20/2010 09:46 AM

To Robert J Tucker
cc David Lynch
bcc
Subject Re: Talk at 3-- Wildlife Work Plan Status of EPA Review /
Next Steps

we'll call you

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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attorney-work product, enforcement sensitive material or privileged information.

Robert J Tucker That works. Will you call me or should... 04/20/2010 09:19:52 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: David Lynch/DC/USEPA/US@EPA
Date: 04/20/2010 09:19 AM
Subject: Re: Can we talk at 3? Wildlife Work Plan Status of EPA Review / Next Steps

That works. Will you call me or should I call you?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

04/20/2010 08:38 AM

Robert J Tucker/AE/DuPont@DuPont
Lynch.David@epamail.epa.gov

To
cc

Subject
Re: Can we talk at 3? Wildlife
Work Plan Status of EPA Review /
Next Steps

Bob:

How's 3?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/20/2010 07:41 AM

Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

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Regards,
Bob

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DuPont Chemicals and Fluoroproducts
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4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.
il.epa.gov

To 04/19/2010 05:22 PM Robert J Tucker/AE/DuPont@DuPont

cc Andrea V
Malinowski/AE/DuPont@DuPont,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject Re: Can we talk tomorrow?
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Bob:

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To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA

Date: 04/16/2010 09:43 AM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

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Thanks,
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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/15/2010 07:42 AM

Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review /
Next
Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To
04/14/2010 07:30 Robert J Tucker/AE/DuPont@DuPont

PM

cc

Subject

Re: 9 am ? Wildlife Work Plan
Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/14/2010 02:52 PM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

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to
talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
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Mark Garvey/DC/USEPA/US

05/06/2010 09:35 AM

To Robert J Tucker

cc David Lynch

bcc

Subject Re: We're working on Wildlife work plan approval?

Bob,

I spoke with David Lynch yesterday and OPPT has laid out suggestions that we think will work. I need to get with David today and get them to you.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: Just following up on our 4/21 co...

05/06/2010 09:29:18 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 05/06/2010 09:29 AM
Subject: Any word on Wildlife work plan approval?

Mark:

Just following up on our 4/21 conference call with Wildlife. Any word on the Wildlife work plan approval? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

04/13/2010 09:18 PM

To Robert J Tucker

cc David Lynch

bcc

Subject Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob,

I received your voice mails today about getting together to talk about next steps with Wild Life. Wild life spoken with OPPT and sent you a copy of the email they sent to OPPT's David Lynch with possible modifications to the work plan and their costs. OPPT is meeting Wednesday to go consider next steps on this. You and I should talk this week.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker	Mark: Thanks for your response. As I...	04/01/2010 07:55:49 AM
-----------------	---	------------------------

From:	Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To:	Mark Garvey/DC/USEPA/US@EPA
Cc:	Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, William R Berti <William.R.Berti@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date:	04/01/2010 07:55 AM
Subject:	Re: Wildlife Work Plan Status of EPA Review

Mark:

Thanks for your response. As I mentioned, I will be out of the office until Thursday (4/8). I won't have email access during this time. If you need to discuss something w/r/t the biodegradation work plan, please feel free to contact Bill Berti here at DuPont. Bill is leading the biodegradation work for DuPont, so he is in close contact with the folks at Wildlife. David and Greg know Bill well. I included Bill's email address on the cc so you may contact him directly if needed in my absence.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts

Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

06/01/2010 10:39 AM

To Robert J Tucker, David Lynch

cc Andrea V Malinowski, Robert J Tucker

bcc

Subject Re: Checking on 2:00 -- Wildlife Work Plan with Certain Modifications

I need to check with David to see if he's available at 2.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

Robert J Tucker

Mark: Sorry for the delay in getting bac...

06/01/2010 07:43:37 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 06/01/2010 07:43 AM
Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with Certain Modifications

Mark:

Sorry for the delay in getting back to you. I had to wait to hear back from our folks and Wildlife. Wildlife cannot do 1PM today. Is there any way we can do 2PM? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

05/27/2010 12:29 PM

To
Garvey.Mark@epamail.epa.gov

cc
Andrea V
Malinowski/AE/DuPont@DuPont, Robert
J Tucker/AE/DuPont@DuPont

Subject
Re:Whether to have Frequent
conference calls following
Approval of Wildlife Work Plan with
Certain Modifications

Bob,

The Oil spill in the Gulf is eating a lot of the OPPT staff time. We won't be able to have a conference call this week. Dave Lynch is available on Tuesday after Memorial day (June 1). Would 1:00 work?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 05/19/2010 10:20 AM

Subject: Re:Whether to have Frequent conference calls following
Approval of Wildlife Work Plan with Certain Modifications

Bob

Let me check with OPPT & my management to see how they want to handle
this.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>,
Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 05/19/2010 09:43 AM

Subject: Re: Approval of Wildlife Work Plan with Certain Modifications

Mark:

As follow-up from your 5/10 email, I'd like to establish a recurring
meeting with EPA and Wildlife so that we stay on track with the testing

program. In order to do that, I was hoping EPA could tell me whether they prefer a weekly or biweekly meeting. In addition, if they can tell me the day and time they would prefer to have the recurring meeting, I can work with Wildlife to establish it. As an example, maybe we can pick the 2nd and 4th Tuesday of each month at 1PM. I'd like to have our first meeting with Wildlife very soon to make sure we're all on the same page. I'd also like to know if EPA has a desire to meet with MPI on some frequency, and if so, how often.

I appreciate your feedback.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama
il.epa.gov

To 05/10/2010 04:06 PM Robert J Tucker/AE/DuPont@DuPont
cc

Andrea V
Malinowski/AE/DuPont@DuPont,
Lynch.David@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov,

Fehrenbacher.Cathy@epamail.epa.gov

Subject

Plan

Re: Approval of Wildlife Work
with Certain Modifications

Bob:

EPA anticipates working closely with DuPont in order to give input on a weekly or biweekly basis throughout the duration of the Wildlife work. Based on email and phone conferences with DuPont, Wildlife and EPA since March 16, it's our understanding that the cost estimates in the Wildlife Work Plan are maximum estimates and that there is likely to be significant cost savings as the work progresses. EPA believes that the Work Plan should be modified to identify substance A3 for pilot testing concurrently with the control pilot. EPA understands that the \$454,000 estimate stated in the Work Plan Appendix A - Summary of Estimated costs on page 12 is for 24 months of rental. Based on an expected 18 months of use, the cost estimate should be amended to \$18,917 per month and a total of \$340,500. Finally, as mentioned in a prior email, EPA has decided NOT to include the 3 analytes that are not commercially available. Thus there would be no need for custom synthesis. There would also be no need for analysis of these 3 analytes in the test substances and biodegradation studies. The names of these are on page 15 - Appendix D of the Work Plan attached. The 3 analytes to exclude are: 2-H Perfluorooctanoic acid (2-H PFOA) CAS# 142821-003-2, 7-3 Fluorotelomer unsaturated acid (7-3 FTUCA) CAS# 755-03-3, and 7-3 Fluorotelemer unsaturated amide (7-3 UAmide) CAS# 56017-64-2.

With these modifications and the understanding of continual input as described above, The Wildlife Work Plan is approved by EPA.

Thank You
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Date: 03/18/2010 09:38 AM

Subject: Wildlife Work Plan

Mark:

EPA should have received the attached work plan in electronic (word and pdf) and hard copy form yesterday for review and approval.

(See attached file: Biodegradation SEP Work Plan.pdf)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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(See attached file: Biodegradation SEP Work Plan.pdf)

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Mark Garvey/DC/USEPA/US

05/06/2010 02:59 PM

To Robert J Tucker

cc David Lynch, Cathy Fehrenbacher, Michael Bellot

bcc

Subject Next Steps working on MPI & Wildlife work plan

Bob,

In order to determine the Wildlife Work Plan, we need to figure out which substances will be characterized.

MPI should characterize the purified polymer and laboratory synthesized polymer variants of A1, A3, C3 and D1. Since we know we need a control, Wildlife should begin the process to set that up on the pilot. Please let us know when Wildlife is ready to begin the control pilot.

EPA has decided NOT to include the 3 analytes on the list of analytes that currently have no analytical standards. Thus there would be no need for custom synthesis. There would also be no need for analysis of these 3 analytes in the test substances and biodegradation studies.

We are still looking for DuPont to tell us whether the analytical equipment can be rented for 1 year as this will impact fund available for biodegradation testing. We are also considering how much money can be transferred from the ILSI contract. Our current thinking is that MPI and Wildlife can move on the activities above while EPA and DuPont figure out the budget over the next week.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker [Terrific! Thanks for the update. Regards,](#)

05/06/2010 09:36:58 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 05/06/2010 09:36 AM
Subject: Re: We're working on Wildlife work plan approval?

Terrific! Thanks for the update.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts

Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Mark Garvey/DC/USEPA/US

02/03/2010 02:49 PM

To Robert J Tucker

cc Laurence Libelo, David Lynch, Greg Fritz, Cathy Fehrenbacher, Michael Bellot

bcc

Subject Re: Proposing 10:30-11:30 Monday 2/8/10 -- EPA Analytical Methodology - Wildlife Work Plan

Bob:

I have received comments from several reviewers at EPA. Since Friday is not included on the available dates below, I've tentatively scheduled Monday at 10:30 to discuss the Work Plan. Does this work for you and Wildlife?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: FYI, we shipped the test substan...

01/29/2010 10:25:32 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 01/29/2010 10:25 AM
Subject: Application of EPA Analytical Methodology - Wildlife Work Plan

Mark:

FYI, we shipped the test substances to MPI Research and Wildlife International yesterday for arrival today.

Attached is a list of questions and comments from Wildlife (WLI) on the analytical methods that EPA provided and that Wildlife is using in the SCAS test. It may be worthwhile to schedule a call to discuss. Once we get EPA's response, WLI should be able to complete the analytical methods section of the SEP work plan.

There are several days and times next week when scientists from WLI and DuPont are available to talk:

Tuesday Feb 2 between 2 and 5 PM

Wednesday Feb 3 between 8:30 AM and 5 PM
Thursday Feb 4 between 8:30 AM and Noon

If you want Andrea on the call, the best time for her is Tuesday at 3:30 or Wednesday morning. Please let me know what would work best for EPA so I can get back to WLI. Thanks.

(See attached file: 2010_28_JAN_Application of EPA Methodology.doc)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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[attachment "2010_28_JAN_Application of EPA Methodology.doc" deleted by Mark Garvey/DC/USEPA/US]

Mark Garvey/DC/USEPA/US

06/15/2010 03:38 PM

To Robert J Tucker

cc Michael Bellot, Lynch.David, Fehrenbacher.Cathy,
libelo.laurence, fritz.greg

bcc

Subject Re: EPA Enforcement contact on SEP --Phone call with
Wildlife 6/16 at 10AM

Bob,

Mike Bellot is the contact point for SEP. His number is 202-564-3083. I'm copying him on this email so you have his email address.

Thanks.,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker

Mark: I was looking over the distributio...

06/11/2010 08:44:02 AM

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
Date: 06/11/2010 08:44 AM
Subject: Phone call with Wildlife 6/16 at 10AM

Mark:

I was looking over the distribution list for Bill's meeting at 10AM on June 16th and noticed that your email address was not correct. Please confirm that EPA did in fact receive Bill's email invitation for a call with Wildlife on 6/16 at 10AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805

Office 302-992-5803
Fax 302-992-4094

Please plan to participate in this conference call to discuss progress on the Biodegradation Testing Supplemental Environmental Project (BioSEP). The conference call-in number and passcode are below, along with a link to AT&T Connect Meeting as a way to share documents on-line.

If you have any questions, please contact me.

I look forward to seeing you on June 16.

Best regards,

Bill Berti

Audio & Web Conference

Primary Access Information

USA Toll-Free: 800-725-9697

USA Caller Paid: 213-270-2121

Access Code: 5113029

Web Conference URL: <https://www.connectmeeting.att.com>

Meeting Number: 800-725-9697 or 213-270-2121

Access Code: 5113029

William R. Berti, Ph.D.
DuPont Haskell Global Centers for Health and Environmental Sciences
PO Box 6300, Glasgow 300
2309 Sunset Lake Road, Newark, DE 19714-6300
Office 302/366-6762, Cell 302/545-1624
william.r.ber ti@usa.dupont.com

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Mark Garvey/DC/USEPA/US

12/23/2009 11:32 AM

To "Steve Olin - PDP"

cc Cathy Fehrenbacher, David Lynch, Laurence Libelo,
"Suzanne Harris - PDP", "Shawn Sullivan", Michael Bellot,
Andrea V Malinowski, Robert J Tucker

bcc

Subject Re: Today's deadline Concerning - ILSI RF Proposed Peer
Consultation Panel

Dear Mr. Olin,

I understand that Cathy Fehrenbacher is out today through the New Year's Holiday. I have not had an opportunity to discuss the panel selections. EPA would like to request extending the review period until Thursday January 7th to assure that OPPT has an opportunity to review the panel. I am copying DuPont staff Andrea Malinowski and Bob Tucker in this request to assure they are aware of EPA's request.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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Robert J Tucker
<Robert.J.Tucker@USA.duPont.com>

05/11/2010 09:17 AM

To David Lynch
cc Mark Garvey, Robert J Tucker
bcc
Subject Re: Shipping addresses for MPI and Wildlife

David:

To be clear, we need the lab synthesized (high purity raws) variant of Group C3. The labs have the sparged (purified) variant of C3. Hope this is clear. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Lynch.David@epamail.epa.gov

05/10/2010 05:03
PM

To
Robert J Tucker/AE/DuPont@DuPont
cc
Garvey.Mark@epamail.epa.gov
Subject
Re: Shipping addresses for MPI and
Wildlife

Got it Bob, thanks.
I'll let you know when the shipment is ready.

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532

FAX 202-564-8892

|----->
| From: |
|----->

>-----
-----|

| Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
|

>-----
-----|

|----->
| To: |
|----->

>-----
-----|

| David Lynch/DC/USEPA/US@EPA
|

>-----
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|----->
| Cc: |
|----->

>-----
-----|

| Mark Garvey/DC/USEPA/US@EPA, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>
|

>-----
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|----->
| Date: |
|----->

>-----
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| 05/10/2010 03:58 PM
|

>-----
-----|

|----->
| Subject: |
|----->

>-----
-----|

|Shipping addresses for MPI and Wildlife
|

>-----
-----|

David:

Please find the attached shipping addresses for MPI and Wildlife.
Please
send 160 g of Group C3 to each laboratory. Could you please let me know
when the samples have shipped so that I may put the labs on notice to
look
for them? Thanks.

Attention: Robert Zhu
MPI Research, Inc.
3058 Research Drive
State College, PA 16801

Attention: Susan Porch
Sample Custodian
Wildlife International Ltd.
8598 Commerce Drive
Easton, MD 21601

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.dupon
t.com>

05/10/2010 03:58 PM

To David Lynch
cc Mark Garvey, Robert J Tucker
bcc
Subject Shipping addresses for MPI and Wildlife

David:

Please find the attached shipping addresses for MPI and Wildlife. Please send 160 g of Group C3 to each laboratory. Could you please let me know when the samples have shipped so that I may put the labs on notice to look for them? Thanks.

Attention: Robert Zhu
MPI Research, Inc.
3058 Research Drive
State College, PA 16801

Attention: Susan Porch
Sample Custodian
Wildlife International Ltd.
8598 Commerce Drive
Easton, MD 21601

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

06/01/2010 01:22 PM

To Mark Garvey
cc Andrea V Malinowski, David Lynch, Robert J Tucker
bcc
Subject Re: Checking on 2:00 -- Wildlife Work Plan with Certain Modifications

Mark:

My week looks awful for conference calls until Friday. If for some reason David is unable to meet today at 2PM, can we set a up a standing call for every Tuesday or every other Tuesday at 1PM so we can get this on calendars? It's real important that we keep talking on some frequency, but trying to get folks will be difficult if we don't set a standing call. If we find that we don't need to talk, we can always cancel a call. Please advise. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

06/01/2010 10:40 AM

To Robert J Tucker/AE/DuPont@DuPont, Lynch.David@epamail.epa.gov
cc Andrea V Malinowski/AE/DuPont@DuPont, Robert J Tucker/AE/DuPont@DuPont
Subject Re: Checking on 2:00 -- Wildlife Work Plan with Certain Modifications

I need to check with David to see if he's available at 2.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 06/01/2010 07:43 AM

Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with Certain Modifications

Mark:

Sorry for the delay in getting back to you. I had to wait to hear back from our folks and Wildlife. Wildlife cannot do 1PM today. Is there any way we can do 2PM? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

To 05/27/2010 12:29 PM Garvey.Mark@epamail.epa.gov

cc Andrea V

Robert Malinowski/AE/DuPont@DuPont,
J Tucker/AE/DuPont@DuPont

Subject Re:Whether to have Frequent
conference calls following
Approval of Wildlife Work Plan
with Certain Modifications

Bob,

The Oil spill in the Gulf is eating a lot of the OPPT staff time. We won't be able to have a conference call this week. Dave Lynch is available on Tuesday after Memorial day (June 1). Would 1:00 work?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 05/19/2010 10:20 AM

Subject: Re:Whether to have Frequent conference calls following Approval of Wildlife Work Plan with Certain Modifications

Bob

Let me check with OPPT & my management to see how they want to handle this.

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 05/19/2010 09:43 AM

Subject: Re: Approval of Wildlife Work Plan with Certain
Modifications

Mark:

As follow-up from your 5/10 email, I'd like to establish a recurring meeting with EPA and Wildlife so that we stay on track with the testing program. In order to do that, I was hoping EPA could tell me whether they prefer a weekly or biweekly meeting. In addition, if they can tell me the day and time they would prefer to have the recurring meeting, I can work with Wildlife to establish it. As an example, maybe we can pick the 2nd and 4th Tuesday of each month at 1PM. I'd like to have our first meeting with Wildlife very soon to make sure we're all on the same page. I'd also like to know if EPA has a desire to meet with MPI on some frequency, and if so, how often.

I appreciate your feedback.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To

05/10/2010 04:06

Robert J Tucker/AE/DuPont@DuPont

PM

cc

Andrea V

Malinowski/AE/DuPont@DuPont,
Lynch.David@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov,

Fehrenbacher.Cathy@epamail.epa.gov

Subject

Re: Approval of Wildlife Work

Plan

with Certain Modifications

Bob:

EPA anticipates working closely with DuPont in order to give input on a weekly or biweekly basis throughout the duration of the Wildlife work. Based on email and phone conferences with DuPont, Wildlife and EPA since March 16, it's our understanding that the cost estimates in the Wildlife Work Plan are maximum estimates and that there is likely to be significant cost savings as the work progresses. EPA believes that the Work Plan should be modified to identify substance A3 for pilot testing concurrently with the control pilot. EPA understands that the \$454,000 estimate stated in the Work Plan Appendix A - Summary of Estimated costs on page 12 is for 24 months of rental. Based on an expected 18 months of use, the cost estimate should be amended to \$18,917 per month and a total of \$340,500. Finally, as mentioned in a prior email, EPA has decided NOT to include the 3 analytes that are not commercially available. Thus there would be no need for custom synthesis. There would also be no need for analysis of these 3 analytes in the test substances and biodegradation studies. The names of these are on page 15 - Appendix D of the Work Plan attached. The 3 analytes to exclude are: 2-H Perfluorooctanoic acid (2-H PFOA) CAS# 142821-003-2, 7-3 Fluorotelomer unsaturated acid (7-3 FTUCA) CAS# 755-03-3, and 7-3 Fluorotelomer unsaturated amide (7-3 UAmide) CAS# 56017-64-2.

With these modifications and the understanding of continual input as described above, The Wildlife Work Plan is approved by EPA.

Thank You
Mark

Mark Garvey
Attorney
202-564-4168
US EPA

Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>
Date: 03/18/2010 09:38 AM
Subject: Wildlife Work Plan

Mark:

EPA should have received the attached work plan in electronic (word and pdf) and hard copy form yesterday for review and approval.

(See attached file: Biodegradation SEP Work Plan.pdf)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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(See attached file: Biodegradation SEP Work Plan.pdf)

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

05/07/2010 02:23 PM

To Mark Garvey

cc Andrea V Malinowski, Michael Bellot, Cathy Fehrenbacher,
David Lynch, Robert J Tucker

bcc

Subject Re: Next Steps working on MPI & Wildlife work plan

Perfect. I'll call you at 11AM on Monday.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

12/08/2009 11:27 AM

To Mark Garvey

cc Andrea V Malinowski, Tony Ellis, Greg Fritz, Laurence Libelo,
David Lynch, Robert C Buck

bcc

Subject Re: 3:30 phone call today? Questions on Contract Approval

Mark:

If your desire is to have only DuPont and EPA on the call, then yes, we can do 3:30. If you want Wildlife on the phone, I'd need to check with them. Will you provide a conference call number? From DuPont, it would be Bob Buck, Andrea, and myself. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

12/08/2009 10:46
AM

Robert J Tucker/AE/DuPont@DuPont

To

cc

Andrea V
Malinowski/AE/DuPont@DuPont,
Ellis.Tony@epamail.epa.gov,
Lynch.David@epamail.epa.gov,
Fritz.Greg@epamail.epa.gov,
Libelo.Laurence@epamail.epa.gov
Subject

Re: 3:30 phone call today?
Questions on Contract Approval

Bob:

EPA has been discussing the best direction for the SEP given the cost estimates you provided. We are weighing whether it's better to

test a couple of chemicals all the way thru SCAS testing or to focus our current resources on characterization and pilot study (method development) with very limited resources available for SCAS testing. Could we talk today so we can try to finalize the contract that will give us the flexibility to move one way or the other. Will 3:30 work?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

|----->
| From: |
|----->

>-----
-----|

|Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
|

>-----
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|----->
| To: |
|----->

>-----
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|Mark Garvey/DC/USEPA/US@EPA
|

>-----
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|----->
| Cc: |
|----->

>-----
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|Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, Tony
Ellis/DC/USEPA/US@EPA

|

>-----
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|----->
| Date: |
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|12/07/2009 09:37 AM
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|----->
| Subject: |
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|Re: I think the CBI refers to the Contract and not the Cover Letters
Biodegradation Laboratory Final Draft of Proposed Contract for EPA |
|Review and Approval
|

>-----
-----|

You are correct. The cover letters and CD content letters do not
contain
CBI. They were just labeled that way so you would know which
packages/cds
to look for in the mail. Sorry for the confusion.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 12/07/2009 09:33 Robert J Tucker/AE/DuPont@DuPont
AM
cc Andrea V
Robert Malinowski/AE/DuPont@DuPont,
J Tucker/AE/DuPont@DuPont,
Ellis.Tony@epamail.epa.gov
Subject Re: I think the CBI refers to the
Letters Contract and not the Cover
Biodegradation Laboratory Final
EPA Draft of Proposed Contract for
Review and Approval

Bob:

The attachments you sent say RE: " . . . CBI Version" on them - but I think they are referring to the CBI version of the Contract and not a CBI Cover letter. Could you confirm this is correct? I'll need to delete email if the attachments were CBI.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

|----->
| From: |
|----->

>-----
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|Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
|

>-----
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|----->
| To: |
|----->

>-----
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|Mark Garvey/DC/USEPA/US@EPA
|

>-----
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|----->
| Cc: |
|----->

>-----
-----|

|Tony Ellis/DC/USEPA/US@EPA, Andrea V Malinowski
<Andrea.V.Malinowski@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com> |

>-----
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|----->
| Date: |
|----->

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|12/04/2009 12:07 PM
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>-----
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|----->
| Subject: |
|----->

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|Biodegradation Laboratory Final Draft of Proposed Contract for EPA
Review and Approval |

>-----
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Mark:

The official copy of these documents were sent to Tony Ellis via FEDEX today in both electronic and hard copy form. I will email a copy of the public documents to you under a separate cover. You'll want to get a copy of the CBI documents from Tony when they arrive. That would include the contract order form, general service agreement and addendum, and the nondisclosure agreement. If you have any questions, please let me know. Thanks.

(See attached file: CD 2009-11a Cover Letter Biodegradation Contract CBI.pdf) (See attached file: CD 2009-11a Content Letter - Biodegradation Contract CBI.pdf)

(See attached file: CD 2009-11b Cover Letter Biodegradation Contract Public.pdf) (See attached file: CD 2009-11b Content Letter -

Biodegradation
Contract Public.pdf)

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager - DCSE Technology
DuPont Chemical Solutions Enterprise
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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[attachment "CD 2009-11a Cover Letter Biodegradation Contract CBI.pdf" deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11a Content Letter - Biodegradation Contract CBI.pdf" deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11b Cover Letter Biodegradation Contract Public.pdf" deleted by Mark Garvey/DC/USEPA/US] [attachment "CD 2009-11b Content Letter - Biodegradation Contract Public.pdf" deleted by Mark Garvey/DC/USEPA/US]

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

05/26/2010 10:01 AM

To Mark Garvey

cc Carolyn Acheson, Andrea V Malinowski, Michael Bellot, Cathy Fehrenbacher, Greg Fritz, Laurence Libelo, David Lynch, Robert J Tucker

bcc

Subject Re: Fw: EPA's Research & Development Office from Cincinnati would like to visit Wildlife International on SEP work on July 19, 20 or 21 -To be joined by EPA's Risk Assessment Division staff assigned to the SEP

Mark:

We checked with Wildlife and they can accommodate a visit from EPA on any of the days you suggested. When you have confirmation of the exact date, please let me know and I will pass that info along to Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

05/22/2010 12:11 PM

To

Robert J Tucker/AE/DuPont@DuPont,
Andrea V
Malinowski/AE/DuPont@DuPont

cc

Lynch.David@epamail.epa.gov,
Fehrenbacher.Cathy@epamail.epa.gov,
Acheson.Carolyn@epamail.epa.gov,
Fritz.Greg@epamail.epa.gov,
Libelo.Laurence@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject

Fw: EPA's Research & Development Office from Cincinnati would like to visit Wildlife International on SEP work on July 19, 20 or 21 -To be joined by EPA's Risk Assessment Division staff assigned to the SEP

Bob

I am forwarding an email requesting a lab visit of one of the contractors currently performing work under the Biodegradation SEP. Please let us know if this visit can be accommodated.

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

----- Forwarded by Mark Garvey/DC/USEPA/US on 05/22/2010 12:02 PM -----

From: David Lynch/DC/USEPA/US

To: Mark Garvey/DC/USEPA/US@EPA

Date: 05/21/2010 06:02 PM

Subject: We'd like to set up a visit to Wildlife International on SEP work on July 19, 20 or 21

Hello Mark,

Carolyn Acheson from ORD Cincinnati, will be visiting Washington , DC. on July 19th through 22nd. As her group will be running SCAS studies on some of the telomer based fluoropolymers covered by the SEP she would like to combine her trip to Washington with a laboratory visit to Wildlife International to observe and discuss SCAS testing of these materials.

Would you please pass this request through Bob Tucker at DuPont to Ed Schaefer at Wildlife International to see if they can accommodate her on 19, 20, or 21. She would be accompanied by OPPT staff working on the SEP (probably Cathy Fehrenbacher, Greg Fritz, Dave Lynch and Laurence

Libelo) .

Thanks,

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

04/20/2010 09:16 AM

To Mark Garvey

cc David Lynch

bcc

Subject Re: Can we talk at 3? Wildlife Work Plan Status of EPA Review / Next Steps

That works. Will you call me or should I call you?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

04/20/2010 08:38 AM

To

Robert J Tucker/AE/DuPont@DuPont

cc

Lynch.David@epamail.epa.gov

Subject

Re: Can we talk at 3? Wildlife
Work Plan Status of EPA Review /
Next Steps

Bob:

How's 3?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement

Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/20/2010 07:41 AM

Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

I'm tied up until 1PM today. Can we talk sometime after 1PM? I'm also available tomorrow after 1PM. Please let me know. Thanks!

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To

04/19/2010 05:22

Robert J Tucker/AE/DuPont@DuPont

PM

cc

Andrea V

Malinowski/AE/DuPont@DuPont,

Fehrenbacher.Cathy@epamail.epa.gov,

Bellot.Michael@epamail.epa.gov

Subject

Re: Can we talk tomorrow?

Wildlife Work Plan Status of EPA

Review / Next Steps

Bob:

Can David Lynch and I talk with you Tuesday morning at 11 To go over potential work plan changes and money reallocation?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael

Bellot/DC/USEPA/US@EPA

Date: 04/16/2010 09:43 AM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the Appendix A : List of Potential Telomer Products Needing Characterization
It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,
mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/15/2010 07:42 AM

Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review /

Next
Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 04/14/2010 07:30 Robert J Tucker/AE/DuPont@DuPont

PM
cc

Subject Re: 9 am ? Wildlife Work Plan
Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
202-564-4168
US EPA

Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/14/2010 02:52 PM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

I'm available before 10 and between 11-2 tomorrow. I want to catch up with you since I was out on vacation. We can also discuss when would be best to talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.duPont.com>

04/20/2010 11:57 AM

To Mark Garvey

cc David Lynch

bcc

Subject Re: Talk at 3-- Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

I'm sorry, another call came up. Can we talk at 3:30?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epa
il.epa.gov

04/20/2010 09:53
AM

Robert J Tucker/AE/DuPont@DuPont

To

cc

Lynch.David@epamail.epa.gov

Subject

Re: Talk at 3-- Wildlife Work
Plan Status of EPA Review / Next
Steps

we'll call you

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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information,
attorney-work product, enforcement sensitive material or privileged
information.

From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: David Lynch/DC/USEPA/US@EPA

Date: 04/20/2010 09:19 AM

Subject: Re: Can we talk at 3? Wildlife Work Plan Status of EPA
Review / Next Steps

That works. Will you call me or should I call you?

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail

il.epa.gov

To 04/20/2010 08:38 Robert J Tucker/AE/DuPont@DuPont

cc AM

Lynch.David@epamail.epa.gov

Subject

Re: Can we talk at 3? Wildlife
Work Plan Status of EPA Review /
Next Steps

Bob:

How's 3?

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Date: 04/20/2010 07:41 AM

Subject: Re: Can we talk tomorrow? Wildlife Work Plan Status of
EPA
Review / Next Steps

Mark:

I'm tied up until 1PM today. Can we talk sometime after 1PM? I'm also available tomorrow after 1PM. Please let me know. Thanks!

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov
il.epa.gov

To 04/19/2010 05:22 PM Robert J Tucker/AE/DuPont@DuPont

cc Andrea V
Malinowski/AE/DuPont@DuPont,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject Re: Can we talk tomorrow?
Wildlife Work Plan Status of EPA
Review / Next Steps

Bob:

Can David Lynch and I talk with you Tuesday morning at 11 To go over

potential work plan changes and money reallocation?

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

From: Mark Garvey/DC/USEPA/US

To: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>, Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>

Cc: Cathy Fehrenbacher/DC/USEPA/US@EPA, Michael Bellot/DC/USEPA/US@EPA

Date: 04/16/2010 09:43 AM

Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

Bob:

I spoke with David Lynch and my management, Mike Bellot, and EPA would like Wild Life to continue on Task C (adapting the soil method) while we are reviewing the work plan on biodegradation.

Also, I have a question on Characterization. Component # 11 of MPI's Work Plan and then the Appendix A : List of Potential Telomer Products Needing Characterization
It looks like each substance costs \$64,000. There were initially 9 sets with 2 variants each for a total of 18 substances to characterize . We are trying to understand whether EPA could take that down 4 sets of 2 for a total of 8 substances to characterize - How much would that cost? What is the difference from the current projected cost? Is it as easy as $10 * 64,000 = \$640,000$ would become available for biodegradation?

Thanks,

mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/15/2010 07:42 AM
Subject: Re: 9 am ? Wildlife Work Plan Status of EPA Review /
Next
Steps

I'll call your office at 9AM. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epama

il.epa.gov

To 04/14/2010 07:30 Robert J Tucker/AE/DuPont@DuPont
PM
cc
Subject Re: 9 am ? Wildlife Work Plan
Status of EPA Review / Next Steps

How's 9:00 tomorrow morning? Otherwise, I can talk in the afternoon.

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 04/14/2010 02:52 PM
Subject: Re: Wildlife Work Plan Status of EPA Review / Next Steps

I'm available before 10 and between 11-2 tomorrow. I want to catch up with you since I was out on vacation. We can also discuss when would be best to talk with Wildlife. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

04/14/2010 07:57 AM

To Mark Garvey

cc David Lynch, Andrea V Malinowski, Robert J Tucker

bcc

Subject Re: Wildlife Work Plan Status of EPA Review / Next Steps

Mark:

Do you think we can get a call lined up with Wildlife and EPA this week? We have some decisions to make pretty quickly in order to stay on the schedule outlined in Wildlife's work plan. Are you available anytime between 11 and 2 today for you and I to discuss? Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

04/13/2010 09:18
PM

Robert J Tucker/AE/DuPont@DuPont

Lynch.David@epamail.epa.gov

Subject
Re: Wildlife Work Plan Status of
EPA Review / Next Steps

To

cc

Bob,

I received your voice mails today about getting together to talk about next steps with Wild Life. Wild life spoken with OPPT and sent you a copy of the email they sent to OPPT's David Lynch with possible modifications to the work plan and their costs. OPPT is meeting Wednesday to go consider next steps on this. You and I should talk this week.

Thanks,

Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

To: Mark Garvey/DC/USEPA/US@EPA

Cc: Andrea V Malinowski <Andrea.V.Malinowski@USA.dupont.com>, William R Berti <William.R.Berti@USA.dupont.com>, Robert J Tucker <Robert.J.Tucker@USA.dupont.com>

Date: 04/01/2010 07:55 AM

Subject: Re: Wildlife Work Plan Status of EPA Review

Mark:

Thanks for your response. As I mentioned, I will be out of the office until Thursday (4/8). I won't have email access during this time. If you need to discuss something w/r/t the biodegradation work plan, please feel free to contact Bill Berti here at DuPont. Bill is leading the biodegradation work for DuPont, so he is in close contact with the folks at Wildlife. David and Greg know Bill well. I included Bill's email address on the cc so you may contact him directly if needed in my absence.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

05/07/2010 01:54 PM

To Mark Garvey

cc Michael Bellot, Cathy Fehrenbacher, David Lynch, Andrea V Malinowski

bcc

Subject Re: Next Steps working on MPI & Wildlife work plan

Mark:

I tried to call you, but your voicemail said you were out today. Let's plan on talking on Monday. Thanks.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Garvey.Mark@epamail.epa.gov

05/06/2010 02:59 PM

To

Robert J Tucker/AE/DuPont@DuPont

cc

Lynch.David@epamail.epa.gov,
Fehrenbacher.Cathy@epamail.epa.gov,
Bellot.Michael@epamail.epa.gov

Subject

Next Steps working on MPI &
Wildlife work plan

Bob,

In order to determine the Wildlife Work Plan, we need to figure out which substances will be characterized. MPI should characterize the purified polymer and laboratory synthesized polymer variants of A1, A3, C3 and D1. Since we know we need a control, Wildlife should begin the process to set that up on the pilot. Please let us know when Wildlife is ready to begin the control pilot.

EPA has decided NOT to include the 3 analytes on the list of analytes

that currently have no analytical standards. Thus there would be no need for custom synthesis. There would also be no need for analysis of these 3 analytes in the test substances and biodegradation studies.

We are still looking for DuPont to tell us whether the analytical equipment can be rented for 1 year as this will impact fund available for biodegradation testing. We are also considering how much money can be transferred from the ILSI contract. Our current thinking is that MPI and Wildlife can move on the activities above while EPA and DuPont figure out the budget over the next week.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

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From: Robert J Tucker <Robert.J.Tucker@USA.dupont.com>
To: Mark Garvey/DC/USEPA/US@EPA
Date: 05/06/2010 09:36 AM
Subject: Re: We're working on Wildlife work plan approval?

Terrific! Thanks for the update.

Regards,
Bob

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805

Office 302-992-5803
Fax 302-992-4094

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Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>

06/15/2010 04:03 PM

To Mark Garvey

cc Michael Bellot, Cathy Fehrenbacher, Greg Fritz, Laurence Libelo, David Lynch

bcc

Subject Re: EPA Enforcement contact on SEP --Phone call with Wildlife 6/16 at 10AM

Thanks Mark. Hopefully folks caught up with Bill's email that the call was changed to 1PM tomorrow.

Best Regards,
Bob Tucker

Robert J. Tucker
Regulatory Programs Manager
DuPont Chemicals and Fluoroproducts
Barley Mill Plaza 23-2233
4417 Lancaster Pike
Wilmington, DE 19805
Office 302-992-5803
Fax 302-992-4094

Calendar Entry
Meeting

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|-----|
| [X] Notify me |
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                        Alarm
                        setting
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| [ ] Mark Private |
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+-->	
Subject	
5113029	Biodegradation SEP Conference Call - 800-725-9697 Passcode
When	
Starts	
	Wed 06/16/2010
	01:00 PM
Ends	
	Wed 06/16/2010
	02:00 PM

1 hour

Invitees

Required (to)

Andrea V Malinowski/AE/DuPont, Barbara S

Larsen/AE/DuPont@DuPont,
eschaefe@wildlifeinternational.com, | |

Fehrenbacher.Cathy@epa.gov, fritz.greg@epa.gov,

Garvey.Mark@epamail.epa.gov, libelo.laurence@epa.gov,

Lynch.David@epa.gov, Robert C Buck/DuPont, Robert J

Tucker/AE/DuPont@DuPont,
rvanhove@wildlifeinternational.com | |

Chair

William R Berti/AE/DuPont

Where

Location

USA Toll-Free: 800-725-9697

USA Caller Paid: 213-270-2121

Access Code: 5113029

Web Conference URL: <https://www.connectmeeting.att.com>

Meeting Number: 800-725-9697 or 213-270-2121

Access Code: 5113029

William R. Berti, Ph.D.
DuPont Haskell Global Centers for Health and Environmental Sciences
PO Box 6300, Glasgow 300
2309 Sunset Lake Road, Newark, DE 19714-6300
Office 302/366-6762, Cell 302/545-1624
william.r.berth@usa.dupont.com

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Ross
Highsmith/RTP/USEPA/US
03/11/2010 08:04 AM

To Marc Mills
cc Andrew Lindstrom, Carolyn Acheson, Dennis Timberlake,
Francis.Elaine, John Washington, Laurence Libelo, Mark
Strynar, Shoji Nakayama
bcc
Subject Re: SERDP proposal on FCs

Thanks, and special thanks to Shojii

Scott Bartell
<dr.bartell@gmail.com>
01/20/2010 06:22 AM

To Andrew Lindstrom
cc "Ryan, P Barry", Laurence Libelo, "Steenland, Kyle", Shoji
Nakayama, Mark Strynar, Hyeong-Moo Shin
bcc
Subject Re: Meeting on PFOA

Hi all,

Is there any progress on scheduling this meeting? My February-March schedule is filling up fast, but my doctoral student, Hyeong-Moo Shin, has a more flexible schedule and could join you at almost any time. Actually he's probably the one you really want there!

Scott

On Wed, Jan 13, 2010 at 10:29 AM, <Lindstrom.Andrew@epamail.epa.gov> wrote:

> Barry,
>
> This sounds good to me. We are very interested in what is going on with
> the C8 project.
>
> If you are able to come to RTP, could we get you guys to give a
> presentation or two on the current status of the project before we meet?
>
> I'll talk with the other folks about how we can do this and let you know
> what we come up with.
>
> Thank you very much,
>
> Andy

>
>
> |----->
> | From: |
> |----->
>

>-----
-----|
> |"Ryan, P Barry" <bryan@emory.edu>

>
>-----

-----|
> |----->
> | To: |
> |----->
>

>-----
-----|
> |Laurence Libelo/DC/USEPA/US@EPA, Andrew Lindstrom/RTP/USEPA/US@EPA

>
>-----

-----|
> |----->
> | Cc: |
> |----->

>
>-----

> |Scott Bartell <dr.bartell@gmail.com>, "Steenland, Kyle"
<nsteenl@emory.edu> |
>
>-----

> |----->
> | Date: |
> |----->
>
>-----

> |01/13/2010 11:49 AM |
>
>-----

> |----->
> | Subject: |
> |----->
>
>-----

> |Meeting on PFOA |
>
>-----

>
>
>
>
>
> Laurence and Andy-
>
> Laurence, we spoke for some time at the SETAC meeting after my
> presentation and I know you had a lot of comments on the work. Andy,
> you have been monitoring this compound and a number of other related
> species for some time and would certainly have a good deal to offer.
> There may be others that we want to get involved as well.
>
> We have talked irregularly about having a meeting, preferably
> face-to-face, regarding PFOA modeling that we have done over the last
> year. I think it would be time now to organize such a meeting prior to
> us finalizing our model for exposure. I would look to have such a
> meeting in the next several weeks. We would come to your shop, either
> RTP, DC, or Cincinnati if appropriate., at your discretion.
>
> If we cannot work out the logistics easily, as a fallback we might
> choose to do a conference call (or two) but I think that would be less
> effective.
>
> What do you folks think of such an idea?
>
> Barry
>
> P. Barry Ryan, Ph.D.
> Professor, Exposure Science and Environmental Chemistry

> Department of Environmental and Occupational Health
> Rollins School of Public Health of Emory University
> Professor, Department of Chemistry, Emory University
> 1518 Clifton Road
> Atlanta, Georgia 30322
> 404.727.3826 (Voice) 404.727.8744 (Fax)
> bryan@emory.edu
> <http://www.sph.emory.edu/faculty/BRYAN>

>
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>

Shoji Nakayama/CI/USEPA/US

12/23/2009 10:48 AM

To Laurence Libelo

cc Audrey Levine, "Shelley, Timothy Civ USAF AFMC
AFRL/RXQF", Marc Mills, Shoji Nakayama

bcc

Subject RE: Hello from the past

Laurence and Tim,

Yes, it's indeed sounds very nice.

I'm mostly coordinating this for Dr Marc Mills here at National Risk Management Research Laboratory (NRMRL) and most likely Marc will take a lead as a PI for the proposal.

So far we have made up a tentative team within EPA including NRMRL and National Exposure Research Laboratory (NERL) as well as out side collaborators such as Minnesota Department of Health (MDH), Minnesota Pollution Control Agency (MPCA), and University of Cincinnati (UC).

The deadline of federal lead proposal is 11 March 2010 (<http://www.serdp.org/Funding/core-fed/index.cfm>). I'm writing up a draft proposal aiming mid-Jan when everybody will get together and polish it up. Although the SON (see below) says it's not required to have a field study, we think it is quite important to know actual situation in the field such as fate and transport of the target contaminants (PFOS and PFOA). We will be able to set up lab-scale treatment experiments which will certainly be reinforced by the field data. So we will be grateful if we could have a DoD collaborator who either can take samples from fields and send them to our analytical laboratories or will allow us to come to the fields and collect samples. Demanded samples include not only ground water but also surface soils and column soils in order to better characterize and understand the situation. Though the SON mentions little about soil research and treatment, we believe it is very important to understand the transport of the contaminants from soils to ground water and fate of precursors that potentially degrades to the targeted contaminants. It is known that the precursors have been manufactured and used in much higher scale (orders of magnitude) than PFOS and PFOA.

SON: <http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>

If you have any questions, please feel free to give us a contact.

Have a wonderful holiday,

Shoji

=====

Shoji F. Nakayama, MD, PhD
Phone: (513) 569-7490
Fax: (513) 569-7620

U.S. Environmental Protection Agency
National Risk Management Research Laboratory
26 West Martin Luther King Drive, MS 190
Cincinnati, OH 45268

=====

Laurence Libelo

Hi Tim, Sounds great!

12/23/2009 10:18:46 AM

From: Laurence Libelo/DC/USEPA/US
To: "Shelley, Timothy Civ USAF AFMC AFRL/RXQF" <tim.shelley@tyndall.af.mil>
Cc: Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA

Date: 12/23/2009 10:18 AM
Subject: RE: Hello from the past

Hi Tim,

Sounds great!

The EPA part of this effort is being done mostly by Shoji Nakayama in the ORD lab in Cincinnati. I am CCing him on this. I will be heading out of town soon and pretty much out of touch. If something needs to be done before I get back on the 4th or so it would be best for you and Shoji to talk directly. Shoji knows the time line for the SERDP SON.

I am also Audrey Levine who is now the National Program Director for drinking water at EPA.

My cell phone number is 301-332-7709.

Have a good holiday.

Laurence

=====

E. Laurence Libelo, Ph.D.
Senior Environmental Engineer
Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
OPPTS/OPPT/EETD/EAB
202-564-8553
FAX 202-546-8671

"Shelley, Timothy Civ USAF AFMC AFRL

12/21/2009 01:47:55 PM

From: "Shelley, Timothy Civ USAF AFMC AFRL/RXQF" <tim.shelley@tyndall.af.mil>
To: Laurence Libelo/DC/USEPA/US@EPA
Date: 12/21/2009 01:47 PM
Subject: RE: Hello from the past

Hi Laurence,

Just wanted to let you know that this hasn't been forgotten about. I have briefed the fire guys, they are researching this. May not have an answer until after the holiday - is that OK? Part of the reason: the site(s) technically belong to Tyndall, not AFRL. As a result, we must make a corporate decision about whether to go after this, then we need to ask Tyndall if they will allow us to access their sites. Not impossible, we just need to go about this in an organized fashion.

What's the timeline for the SERDP proposal process - is it already advertized? Or do you know when it is planned to be advertized?

Thank you,

Tim Shelley

Timothy J. Shelley, Ph.D.
Air Force Research Laboratory
Airbase Security Technologies
104 Research Road Bldg 9735
Tyndall AFB, FL 32403

phone: 850 283-6037 (DSN 523-6037)
fax: 850 283-1044 (DSN 523-1044)

NIPRNET e-mail: tim.shelley@tyndall.af.mil
SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil

-----Original Message-----

From: Libelo.Laurence@epamail.epa.gov
[mailto:Libelo.Laurence@epamail.epa.gov]
Sent: Tuesday, December 15, 2009 3:18 PM
To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
Subject: Hello from the past

Hi Tim,

How are you? How are things in Panama City? I was casting about for a contact in AFRL and saw that you are still at Tyndall. It is nice to see that not everyone has moved on.

I am in the EPA Office of Pollution Prevention and Toxics in Washington. I have been asked by some of the folks in the EPA Office of Research and Development to help in connecting them with someone in the AF who might be interested in looking at fluorosurfactants and other fluorochemicals at fire training sites. It looks like the stuff we did with Audary Lavine 15 years ago is starting to be noticed. There is apparently a SERDP call out for perfluorinated chemical remediation at DOD sites and the EPA guys who have been working on these chemicals are interested in teaming with someone in DOD to work on this.

If you get a chance can you give me a call? Not only about work but I would love to catch up with you and see how things are going.

Laurence

=====

E. Laurence Libelo, Ph.D.
Senior Environmental Engineer
Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
OPPTS/OPPT/EETD/EAB
202-564-8553
FAX 202-546-8671

Shoji Nakayama/CI/USEPA/US

12/22/2009 09:53 AM

To Shoji Nakayama

cc Marc Mills, Zhishi Guo, Andrew Lindstrom, Mark Strynar,
Amy Delinsky, John Washington, Jackson Ellington,
Laurence Libelo

bcc

Subject Fw: 1st announcement: 2nd INTERNATIONAL WORKSHOP
on Fluorinated Surfactants: New Developments / call for
papers

FYI

----- Forwarded by Shoji Nakayama/CI/USEPA/US on 12/22/2009 09:42 AM -----

From: "Knepper" <knepper@hs-fresenius.de>
To: "Marco Bernhard" <bernhard@fh-fresenius.de>
Date: 12/22/2009 08:42 AM
Subject: 1st announcement: 2nd INTERNATIONAL WORKSHOP on Fluorinated Surfactants: New
Developments / call for papers

Dear Colleague,

we take pleasure in inviting you to the 2nd INTERNATIONAL WORKSHOP on
Fluorinated Surfactants: New Developments.
The workshop will take place at the City Hall in Idstein, Germany, from June
17th to 19th, 2010.

We want to bring together scientists and specialists around the world in
order to present and discuss new developments regarding synthesis and
application of new fluorinated surfactants, to focus on the aspects of
environment like analysis and fate as well as on human exposure, toxicology
and ecotoxicology. Additionally new aspects in the field of (Risk)
Assessment and Regulation will be presented.

I invite you to visit the website of the conference
(<http://pft.hs-fresenius.de/>; fully available now) or confer to the attached
flyer where you will find all details and general information regarding the
Workshop

Please don't forget these important dates:

- Abstract submission: until April 5, 2010
- Registration: from now to May 31, 2010

Sorry in case of multiple mailings. But please feel free to transfer this
mail to all your colleagues who may be interested to participate and
communicate!

If you need any additional information, please don't hesitate to contact the
Conference Secretariat (weil@hs-fresenius.de). We will be glad to give you
further details related to the service you are interested in.

We enjoy meeting you soon in Idstein
Thank you and best regards,

for the Scientific Committee,
Thomas Knepper

Chair of 2nd International Workshop Fluorinated Surfactants: New
Developments

With best regards,

Thomas Knepper

Prof. Dr. Thomas P. Knepper
Dean Faculty Chemistry & Biology
Director Institute for Analytical Chemistry (IFAR)
Hochschule Fresenius

Limburger Strasse 2
D-65510 Idstein

Tel.: 0049-61269352-64
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knepper@hs-fresenius.de
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Sitz der Gesellschaft:
Hochschule Fresenius gem. GmbH
Limburger Straße 2 _ 65510 Idstein _ Amtsgericht Wiesbaden _ HRB 19044

Geschäftsführung:
Dipl.-Kfm. Hermann Kögler

Toni Krasnic/DC/USEPA/US

06/18/2010 08:46 AM

To Bradley Grams

cc Katherine Sleasman, Laurence Libelo, Rachel Delaney

bcc

Subject Re: Fw: PFC portal suggestions and examples

Thanks, this is GREAT! Exactly what we needed. I'll look through this in detail next week and will share ideas at the next OECD meeting.

Thanks again,

Toni Krasnic

EPA/OCSP/OPPT/CCD/ECB

EPA East; 1201 Constitution Ave NW, Room 4351C; Washington, DC 20004

Mail: EPA; 1200 Pennsylvania Ave NW; MC-7405M; Washington, DC 20460

Phone: 202-564-0984; Fax: 202-564-4775

FOIA Web Site: <http://www.epa.gov/oppt/pfoa>

TSCA 8(e) Web Site: <http://www.epa.gov/opptintr/tsca8e>

Bradley Grams

Hi Toni and Katherine: Rachel Delaney...

06/16/2010 01:14:34 PM

From: Bradley Grams/R5/USEPA/US
To: Toni Krasnic/DC/USEPA/US@EPA, Katherine Sleasman/DC/USEPA/US@EPA
Cc: Laurence Libelo/DC/USEPA/US@EPA, Rachel Delaney/CI/USEPA/US@EPA
Date: 06/16/2010 01:14 PM
Subject: Fw: PFC portal suggestions and examples

Hi Toni and Katherine:

Rachel Delaney at the Cincinnati Library put together a compendium of information on PFC Portal Suggestions and examples to consider (Thanks so much Rachel!).

Rachel wanted to know if this information was helpful, and if she had addressed all of the issues and needs you had mentioned. Also, is there more information you need? I'm trying to put together more information on State/local programs as we speak; however, I'm somewhat delayed due to some RA and DD requests. I can cover more of the programmatic side if needed.

Thanks!

Cheers,

Bradley Randall Grams, B.Sc., B.A.
Environmental Scientist
OCSP Sublead Region Coordinator, Reviewing and Reducing TSCA Chemical Risk

EPA Region 5
Land and Chemicals Division
Chemicals Management Branch, Toxics Section

77 West Jackson Boulevard (LC-8J)
Chicago, IL 60604

PHONE: (312) 886-7747
FAX: (312) 697-2527
E-MAIL: grams.bradley@epa.gov

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----- Forwarded by Bradley Grams/R5/USEPA/US on 06/16/2010 12:09 PM -----

From: Rachel Delaney/CI/USEPA/US
To: Bradley Grams/R5/USEPA/US@EPA
Date: 06/15/2010 02:39 PM
Subject: PFC portal suggestions and examples

Hi Brad,

I'm sorry this has taken so long. I haven't been able to find a great deal of portal sites that also aim to teach the user how to search or use the information. Usually portal sites have detailed links and descriptions of resources, while databases have the specific search tips and hints for actually constructing a search. The closest match would be the subject guides (i.e., "pathfinders" in library jargon), and I sent you some examples of those. Subject guides, however, are really aimed at the beginning researcher, trying to get a scope of the topic, important works in the field, reference sources, etc. This might not be quite as useful to users well-versed in the topic, but I have some suggestions on how to make the site a good tool for each group. Please note I have less guidance for expert-focused materials, since I'm not exactly sure who will be using the portal. I would imagine this group would be looking for specific reports and regulations, so you would know best what links/data/contacts to include (attachment titled: PFC portal ideas).

For the journals list, I went through the citations I have sent you and culled the most prominent or frequent publishers. Most of the links are links to the publisher's web site with information about the journal. These are simply in alphabetical order (attachment titled: Journal list).

I am also attaching some articles (which may be more than you want to read) that will explain the design/search process better than I could. For each I have highlighted the relevant sections, and then at least you have the full text as a resource if necessary (titles roughly correspond to article title).

1. Hemmig, William. (2005). Online pathfinders: toward an experience-centered model. Reference Services Review, 33(1), 66-87. **In particular**, p. 70-71 and 73 bullet-point site design guidelines for creating online guides.
2. Brown, Barry and Paul Piper. (2009). All (almost) on the Internet: freely available science information resources on the web. Searcher, June 2009, 22-32. **In particular**, sections 2-4 of the article highlight effective public (free) sites for science research.
3. Duncan, Jennifer and Wendy Holliday. (2008). The role of information architecture in designing a third-generation library web site. College & Research Libraries, July 2008, 301-318. You might have to scroll, but there are some sample charts of how to organize (display) web links effectively. Most likely the Conclusion section and the portions regarding Model B (which was the chosen model from the survey)

would be helpful.

4. Thomes, Cynthia. (2010). Office of scientific and technical information. Government Information Quarterly, January 2010, 110-111. This is a very brief review of the OSTI site and its features.

I truly apologize for the delay. I really enjoy these concepts so perhaps I have a tendency to get carried away with my own research! I hope I have answered all of your questions, and PLEASE let me know if my responses are not on target or you would like more information -- I promise to get back to you ASAP. I really hope that my input is useful and hits on what you were looking for. There are the more technical aspects of site programming which I know vaguely (such as typeface, colors, Section 508 guidelines, use of CSS, etc.), but I figure are probably better covered by in-house EPA experts, and are likely subject to EPA IT uniformity standards. I am happy to continue to work with you on the portal if it gets off the ground and you feel I could be of assistance!

[attachment "Journal list.doc" deleted by Toni Krasnic/DC/USEPA/US] [attachment "PFC portal ideas.doc" deleted by Toni Krasnic/DC/USEPA/US] [attachment "osti site review.pdf" deleted by Toni Krasnic/DC/USEPA/US] [attachment "free science sites online.pdf" deleted by Toni Krasnic/DC/USEPA/US] [attachment "role of IA.pdf" deleted by Toni Krasnic/DC/USEPA/US] [attachment "online pathfinders.pdf" deleted by Toni Krasnic/DC/USEPA/US]

All best,

Rachel

https://www.surveymonkey.com/s.aspx?sm=n4Slb8dq2D3fqQrD3701wg_3d_3d

Rachel Delaney
Reference Librarian
AWBERC Library
Contracted by ASRC Management Services
U.S. Environmental Protection Agency
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268
(513) 569-7716
(513) 569-7709 fax

Tony Ellis/DC/USEPA/US

06/15/2010 11:33 AM

To David Lynch

cc

bcc

Subject Re: Have we gotten a DuPont SEP progress report from Wildlife International?

Yes I believe we do. I'm working from home today but I could get the report to you first thing tomorrow AM.

Tony R. Ellis, Case Development Officer
Chemical Risk and Reporting Enforcement Branch
Waste and Chemical Enforcement Division (2249A)
Office of Civil Enforcement
1200 Pennsylvania Avenue, N.W., Room 5041A
Washington, DC 20460
Phone (202) 564-4167
Fax (202) 564-0035

David Lynch

Hi Tony, On the DuPont SEP - do you k...

06/15/2010 11:06:36 AM

From: David Lynch/DC/USEPA/US
To: Tony Ellis/DC/USEPA/US@EPA
Date: 06/15/2010 11:06 AM
Subject: Have we gotten a DuPont SEP progress report from Wildlife International?

Hi Tony,

On the DuPont SEP - do you know if we've gotten a progress report from Wildlife International recently?

We're supposed to discuss the progress report with them on a conference call on the 16th.

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

Tony Ellis/DC/USEPA/US

06/15/2010 12:18 PM

To David Lynch

cc

bcc

Subject Re: Have we gotten a DuPont SEP progress report from Wildlife International?

Hey David,

I believe I have that report. I'm working from home today but I will get you the report first thing tomorrow AM.

Tony R. Ellis, Case Development Officer
Chemical Risk and Reporting Enforcement Branch
Waste and Chemical Enforcement Division (2249A)
Office of Civil Enforcement
1200 Pennsylvania Avenue, N.W., Room 5041A
Washington, DC 20460
Phone (202) 564-4167
Fax (202) 564-0035

David Lynch

Hi Tony, On the DuPont SEP - do you k...

06/15/2010 11:06:36 AM

From: David Lynch/DC/USEPA/US
To: Tony Ellis/DC/USEPA/US@EPA
Date: 06/15/2010 11:06 AM
Subject: Have we gotten a DuPont SEP progress report from Wildlife International?

Hi Tony,

On the DuPont SEP - do you know if we've gotten a progress report from Wildlife International recently?

We're supposed to discuss the progress report with them on a conference call on the 16th.

Thanks

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

William R Berti
<William.R.Berti@USA.dupont.
com>

06/18/2010 09:17 AM

To David Lynch
cc
bcc
Subject Next Call with Wildlife

Hi David,

I don't think that I mentioned about my plans for next week; I'm at summer camp with our Troop from Sunday through Wednesday (or Thursday morning - I should stay the week but other Scouters want a chance to be there, too).

Camp Rodney is only 20-30 minutes from my office, so I can arrange a call with Wildlife on Wednesday or Thursday morning for a call Thursday afternoon or Friday, whichever works better.

If you need to reach me after today, call me on my cell phone at 302/545-1624.

Best regards,

Bill

Office 302/366-6762, Cell 302/545-1624
Environmental Website: <http://envsciences.es.dupont.com/>

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Korean

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William R Berti
<William.R.Berti@USA.dupont.
com>

06/02/2010 05:42 PM

To David Lynch

cc

bcc

Subject Re: Draft BioSEP Abstract for SETAC NA

Hi David,

Thanks for your note and your comment. I will remove you as a co-author.
I agree with your suggestion for the change to the abstract.

Best regards,

Bill

Lynch.David@epama
il.epa.gov

06/02/2010 04:09
PM

William R Berti/AE/DuPont@DuPont

To

cc

Subject

Re: Draft BioSEP Abstract for SETAC
NA

Thanks for the offer Bill, but due to the fact that the SEP is the
result of an enforcement order I don't feel it is appropriate to include
me as an author. I have to decline.

I reviewed the text and I suggest that you remove the text

"... is a joint research project between DuPont and the U.S.
Environmental Protection Agency." as I don't think this really describes
the nature and origins of the work.

Thanks Again,

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)

Washington, DC 20460

VOICE 202-564-8532

FAX 202-564-8892

|----->
| From: |
|----->

>-----
-----|

|William R Berti <William.R.Berti@USA.dupont.com>
|

>-----
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|----->
| To: |
|----->

>-----
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|eschaefe@wildlifeinternational.com, Robert C Buck
<Robert.C.Buck@USA.dupont.com>, Robert J Tucker
<Robert.J.Tucker@USA.dupont.com>, |
|Barbara S Larsen <Barbara.S.Larsen@usa.dupont.com>, David
Lynch/DC/USEPA/US@EPA, Mark Garvey/DC/USEPA/US@EPA
|

>-----
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|----->
| Cc: |
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|John Gannon <John.Gannon@USA.dupont.com>
|

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|----->
| Date: |
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|06/01/2010 03:37 PM
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| Subject: |
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|Draft BioSEP Abstract for SETAC NA
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Greetings,

The deadline to submit abstracts for this year's SETAC NA conference is this Friday June 4. Attached is a draft abstract on the BioSEP for your review and comments. I think that this will be a great opportunity to discuss the BioSEP and the progress we have made by the time of the conference.

Many thanks and best regards,

Bill

William R. Berti, Ph.D.
DuPont Haskell Global Centers for Health and Environmental Sciences
PO Box 6300, Glasgow 300
2309 Sunset Lake Road, Newark, DE 19714-6300
Office 302/366-6762, Cell 302/545-1624
william.r.ber ti@usa.dupont.com

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[attachment "2010_28May_BioSEP SETAC Abstract_draft.doc" deleted by

David Lynch/DC/USEPA/US]

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"David Weiss"
<dweiss@WILDLIFEINTERNATIONAL.COM>

06/21/2010 03:05 PM

To John Washington, "Ed Schaefer"

cc "Barbara S Larsen", Cathy Fehrenbacher, David Lynch, Greg Fritz, Laurence Libelo, Mark Garvey, "Robert C Buck", "Robert J Tucker", "Ray VanHoven", "William R Berti", "Will Nixon"

bcc

Subject RE: Adaptation of EPA Athens Methods

Dr. Washington and Dr. Ellington,

Thanks for taking the time to read and comment on the method procedure summary. Our responses are provided below each of your numbered questions/comments (in red and italics). Hopefully this clarifies our proposed method procedure.

Since the last conference call, we have performed a couple of simple tests to evaluate the practicality and physical separation characteristics of the proposed procedure. We found that although Envi-Carb mostly goes to the bottom of the water phase after 3000rpm centrifugation, a portion remains at the water-MTBE interface. We also found that with 0.2g Envi-Carb and a volume ratio of 5mL:1mL water:MTBE, only 0.17g MTBE could be decanted after freezing and some Envi-Carb decanted with the MTBE. Reducing the volume ratio to 2mL:1mL water:MTBE was attempted both with and without 0.2g Envi-Carb. The mass MTBE recovered was 0.8g without Envi-Carb treatment (water only) and 0.55g with Envi-Carb treatment, though some Envi-Carb still decanted with the MTBE. As a result, we are considering changing the volume ratio and/or the quantity of Envi-Carb. Any advice or suggestions would be greatly appreciated.

Best Regards,
David Weiss
Chemist

Wildlife International, Ltd.
8598 Commerce Drive
Easton, MD 21601
410-822-8600
410-822-0632 Fax
dweiss@wildlifeinternational.com

-----Original Message-----

From: Washington.John@epamail.epa.gov
[mailto:Washington.John@epamail.epa.gov]
Sent: Monday, June 21, 2010 9:07 AM
To: Ed Schaefer
Cc: Barbara S Larsen; Fehrenbacher.Cathy@epamail.epa.gov;
Lynch.David@epamail.epa.gov; David Weiss; Fritz.Greg@epamail.epa.gov;
Libelo.Laurence@epamail.epa.gov; Garvey.Mark@epamail.epa.gov; Robert C
Buck; Robert J Tucker; Ray VanHoven; William R Berti; Will Nixon
Subject: Re: Adaptation of EPA Athens Methods
Importance: High

Ed,

Just a few questions, from Jackson and me:

1) Are you sure you can draw 30 mL of atmosphere from a 15 mL tube? The result would be 1/3 atmosphere pressure in the tube -- seems difficult to do perhaps.

Response:

The approximate volume can be drawn with a little effort.

2) Isn't 30 mL, equating to 10 mL at standard 1 atmosphere, more than you need to withdraw? If you get a 15 mL tube to as low as 1/3 atmosphere, you have 10 mL of volume you can add back before returning interior to 1 atmosphere. But it appears you only are adding 5 to 6 mL of water plus chemicals.

Response:

The purpose of drawing air from the tube is to approximate the conditions in the actual sludge aqueous supernatant sample vessels. Per the proposed Draft Method Outline for Sampling in the approved Work Plan, ~120 mL of air is drawn from those 40 mL vessels which then receive approximately 14-15 mL of aqueous matrix each, leaving a slightly low-pressure condition in the sample vessel.

3) On steps 2 and 3, it reads as if you are inserting a syringe barrel with no plunger, then adding the supernatant, then emplacing the plunger. This would leave a stagnant air pocket over the supernatant and it will be hard to meter in the supernatant without the air using a syringe stopcock. Moreover, you risk FTOH loss with the transfer of the supernatant to the syringe barrel. Why don't you submerge a needle in the supernatant and draw it directly into the syringe, then invert the syringe to eject any air and excess volume, then close the syringe stopcock then insert into the low-pressure tube and open the stopcock, with a nice clean transfer of supernatant only resulting?

Response:

Note that the full measured volume of matrix (2.5mL) in the syringe barrel is allowed into the sample tube and the stopcock is closed as soon as the full volume is through. Some air is drawn into the tube, but it was preferable to measure the volume of supernatant matrix with a more accurate/precise tool than a disposable syringe. Also, this technique still leaves some vacuum in the tube which approximates conditions in the proposed Draft Method Outline for Sampling in the approved Work Plan, as noted in the response to question 2) above.

Also note that steps 2 and 3 precede fortification of the matrix, so there is no FTOH to be lost at that point.

4) You mention two of each treatment being fortified with one going to Envicarb cleanup Do you need two fortified controls (i.e., water) to be subjected to Envicarb vs no Envicarb to ascertain the effect of Envicarb explicitly?

Response:

Two of each treatment are fortified, but an aliquot from all extracts, blank and both forts, is taken for Envicarb cleanup. This does not consume all of the extract, and per step 20, the remaining non-cleaned sample extract quantities are placed in refrigerated storage for possible later analysis (if the Envicarb cleanup is successful).

5) With the supernatants, is it worth checking pH before and after your extraction/cleanup so you have more specific details to work with at the end?

We can check the pH of the a blank/dummy aqueous supernatant aliquot (created and dedicated to only measuring pH), but for actual extraction

samples, it would be preferable not to risk cross-contaminating or losing some matrix due to the pH measurement process.

6) On step 5, just checking, but are you adding the analytes in an MTBE matrix? Any other matrix risks complicating this scenario with co-solvency or other possible effects.

Response:

Correct. The combined stock used for fortifying the analytes is in MTBE solvent.

7) On step 14, just to make sure you intend this, preweigh your labeled empty vials.

Response:

Yes, the vials will be pre-weighed.

8) On step 15, do you mean 0.2 g (i.e., 200 mg) as opposed to the present 0.2 mg?

Response:

Yes, it should be 0.2 g. Sorry about the typo.

John and Jackson

John Washington
United States Environmental Protection Agency
National Exposure Research Laboratory
Ecosystems Research Division
960 College Station Road
Athens, GA 30606
phone: (706) 355-8227
fax: (706) 355-8202
email: washington.john@epa.gov
<http://www.epa.gov/athens/>

|----->
| From: |
|----->

>-----
-----|
| "Ed Schaefer" <ESCHAEFE@WILDLIFEINTERNATIONAL.COM>
|

>-----
-----|
|----->
| To: |
|----->

>-----
-----|
| "William R Berti" <William.R.Berti@USA.dupont.com>, "Barbara S Larsen"
<Barbara.S.Larsen@USA.dupont.com>, Cathy |
| Fehrenbacher/DC/USEPA/US@EPA, Greg Fritz/DC/USEPA/US@EPA, Mark
Garvey/DC/USEPA/US@EPA, Laurence Libelo/DC/USEPA/US@EPA, David |
| Lynch/DC/USEPA/US@EPA, "Robert C Buck" <Robert.C.Buck@USA.dupont.com>,
"Robert J Tucker" <Robert.J.Tucker@USA.dupont.com>, John |

```
|Washington/ATH/USEPA/US@EPA
|
>-----|
|----->
| Cc:      |
|----->
>-----|
|----->
| "David Weiss" <dweiss@WILDLIFEINTERNATIONAL.COM>, "Ray VanHoven"
<RVANHOVE@WILDLIFEINTERNATIONAL.COM>, "Will Nixon"
|<WNIXON@WILDLIFEINTERNATIONAL.COM>
|
>-----|
|----->
| Date:    |
|----->
>-----|
|----->
| 06/18/2010 01:24 PM
|
>-----|
|----->
| Subject:  |
|----->
>-----|
|----->
| Adaptation of EPA Athens Methods
|
>-----|
|----->
```

Dear All,

The attached method procedure summary describes the work that will be conducted as a result of our discussions over the past few days. We are currently scheduled to start this work on 21 June 2010 and would greatly appreciate receiving any comments as soon as possible. Once again, we would like to thank everyone involved for their input and participation in these helpful discussions.

With kind regards,
Ed Schaefer
Wildlife International

[attachment "Summary June 2010 GCextrall.pdf" deleted by John

Washington/ATH/USEPA/US]

"Ed Schaefer"
<ESCHAEFE@WILDLIFEINTERNATIONAL.COM>

02/24/2010 04:14 PM

To Laurence Libelo
cc
bcc
Subject Radiochemicals

Laurence,

It was a pleasure talking with you today. Following are a few more sources for custom radiosynthesis. Let me know if you have any questions.

Quotient Amersham
Mary Hansen - Business Development Manager
Cardiff | TEL: 507-536-9935 | MOB: +001 507 244 1175

Ricerca
Greg Butke
440-357-3448

Selicia
Dave Roberts
44 (0) 1277 367003

Regards,
Ed

"Henley, Mike V Civ USAF
AFMC AFRL/RXQL"
<Mike.Henley@tyndall.af.mil>
01/20/2010 12:51 PM

To Marc Mills
cc Shoji Nakayama, Laurence Libelo, "Hearn, John D CTR
USAF AFMC AFRL/RXQL"
bcc
Subject RE: PFC SON

Marc,

Thanks for the note and interest. We, too, are very interested in a potential EPA/AF collaborative proposal on the SERDP topic.

I am traveling the first part of next week but Thursday morning will work for me. How about 9:30 CST (10:30 EST)? Let me know if you want to call my number below or if you want to set up some other means of conferencing.

I am sending a copy of this message to Dr. John Hearn. John is an in-house research contractor employed by Applied Research Associates. His research focuses on heterogeneous chemical interactions with materials and surfaces and he works very closely with me on efforts such as this.

We look forward to our discussions.

Best regards,
Mike

Michael V. Henley
AFRL/RXQL
139 Barnes Dr., Suite 2
Tyndall AFB, FL 32403-5323
(850) 283-6050 Fax: (850) 283-6090
mike.henley@tyndall.af.mil

-----Original Message-----

From: Mills.Marc@epamail.epa.gov [mailto:Mills.Marc@epamail.epa.gov]
Sent: Tuesday, January 19, 2010 9:41 PM
To: Libelo.Laurence@epamail.epa.gov; Henley, Mike V Civ USAF AFMC AFRL/RXQL
Cc: Nakayama.Shoji@epamail.epa.gov
Subject: Re: PFC SON

Thanks Laurence. I am in Chicago this week but could schedule a call next week on Tuesday morning early or Thursday, or Friday.

Mike, we would be interested in what you have going on related to this and would very excited to discuss a collaboration with you on this SERDP proposal.

Please let us know your availability next week and we will coordinate a call.

Thank you both.

Marc

-
Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620
mills.marc@epa.gov

Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:

> [image removed]
>
> PFC SON
>
> Laurence Libelo
>
> to:
>
> mike.henley
>
> 01/19/2010 12:16 PM
>
> Cc:
>
> Shoji Nakayama, Marc Mills
>
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> a really good collaboration between AFRL and The EPA/ORD. Your
> expertise on chemical surface interactions and on fire research
> would be a great match with their analytical capabilities.
>
> I would suggest you contact Marc and Shoji and set up a call to
talkwith them.
>
> Laurence
>
>

=====
=====
> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553

> FAX 202-546-8671
>
> From:
>
> Shoji Nakayama/CI/USEPA/US
>
> To:
>
> Laurence Libelo/DC/USEPA/US
>
> Cc:
>
> Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
> Shoji Nakayama/CI/USEPA/US
>
> Date:
>
> 12/23/2009 10:48 AM
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> Subject:
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>
> SON: <http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>

>
> If you have any questions, please feel free to give us a contact.
>
> Have a wonderful holiday,
>
> Shoji
>
> =====
> Shoji F. Nakayama, MD, PhD
> Phone: (513) 569-7490
> Fax: (513) 569-7620
>
> U.S. Environmental Protection Agency
> National Risk Management Research Laboratory
> 26 West Martin Luther King Drive, MS 190
> Cincinnati, OH 45268
> =====
>
> From:
>
> Laurence Libelo/DC/USEPA/US
>
> To:
>
> "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
<tim.shelley@tyndall.af.mil>
>
> Cc:
>
> Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
>
> Date:
>
> 12/23/2009 10:18 AM
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> Subject:
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> Sounds great!
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> The EPA part of this effort is being done mostly by Shoji Nakayama
> in the ORD lab in Cincinnati. I am CCing him on this. I will be
> heading out of town soon and pretty much out of touch. If something
> needs to be done before I get back in the 4th or so it would be
> best for you and Shoji to talk directly. Shoji knows the time line
> for the SERDP SON.
>
> I am also Audrey Levine who is now the National Program Director for
> drinking water at EPA.
>
> My cell phone number is 301-332-7709.
>
> Have a good holiday.
>
> Laurence
>
>

>

=====
=====

> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553
> FAX 202-546-8671

> From:

> "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
<tim.shelley@tyndall.af.mil>

> To:

> Laurence Libelo/DC/USEPA/US@EPA

> Date:

> 12/21/2009 01:47 PM

> Subject:

> RE: Hello from the past

> Hi Laurence,

> Just wanted to let you know that this hasn't been forgotten about. I
> have briefed the fire guys, they are researching this. May not have
an

> answer until after the holiday - is that OK? Part of the reason: the
> site(s) technically belong to Tyndall, not AFRL. As a result, we must
> make a corporate decision about whether to go after this, then we need
> to ask Tyndall if they will allow us to access their sites. Not
> impossible, we just need to go about this in an organized fashion.

> What's the timeline for the SERDP proposal process - is it already
> advertized? Or do you know when it is planned to be advertized>

> Thank you,

> Tim Shelley

> Timothy J. Shelley, Ph.D.
> Air Force Research Laboratory
> Airbase Security Technologies
> 104 Research Road Bldg 9735
> Tyndall AFB, FL 32403

> phone: 850 283-6037 (DSN 523-6037)
> fax: 850 283-1044 (DSN 523-1044)

> NIPRNET e-mail: tim.shelley@tyndall.af.mil
> SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil

>
>
> -----Original Message-----
> From: Libelo.Laurence@epamail.epa.gov
> [mailto:Libelo.Laurence@epamail.epa.gov]
> Sent: Tuesday, December 15, 2009 3:18 PM
> To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
> Subject: Hello from the past
>
>
> Hi Tim,
>
> How are you? How are things in Panama City? I was casting about for
> a
> contact in AFRL and saw that you are still at Tyndall. It is nice to
> see that not everyone has moved on.
>
> I am in the EPA Office of Pollution Prevention and Toxics in Washington.
> I have been asked by some of the folks in the EPA Office of Research
> and
> Development to help in connecting them with someone in the AF who might
> be interested in looking at fluorosurfactants and other
> fluorochemicals
> at fire training sites. It looks like the stuff we did with Audary
> Lavine 15 years ago is starting to be noticed. There is apparently a
> SERDP call out for perfluorinated chemical remediation at DOD sites
> and
> the EPA guys who have been working on these chemicals are interested
> in
> teaming with someone in DOD to work on this.
>
> If you get a chance can you give me a call? Not only about work but I
> would love to catch up with you and see how things are going.
>
> Laurence
>
>
>
>
=====

> =====
>
> E. Laurence Libelo, Ph.D.
> Senior Environmental Engineer
> Exposure Assessment Branch
> Office of Pollution Prevention and Toxics
> U.S. Environmental Protection Agency
> OPPTS/OPPT/EETD/EAB
> 202-564-8553
> FAX 202-546-8671
>

**"Henley, Mike V Civ USAF
AFMC AFRL/RXQL"
<Mike.Henley@tyndall.af.mil>**
01/21/2010 07:02 PM

To Marc Mills, Shoji Nakayama
cc "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence
Libelo
bcc
Subject Re: PFC SON

Marc,

9:00CST (10:00EST) will work for us.

I need to let you know that the Air Force has a self-imposed pre-proposal deadline of 25 Jan for SERDP proposals being submitted by the AF. It is a simple 2-page description of the idea that is used to limit the number of submissions to a single SON by the AF. Since we have not had a chance to discuss a submission strategy, we will submit our current thoughts to secure a placeholder in case we choose to use it. It does not prevent us from participating on an EPA submission if that is the strategy we take.

I hope this makes sense.

We look forward to our discussions.

Mike

----- Original Message -----

From: Mills.Marc@epamail.epa.gov <Mills.Marc@epamail.epa.gov>
To: Nakayama.Shoji@epamail.epa.gov <Nakayama.Shoji@epamail.epa.gov>
Cc: Hearn, John D CTR USAF AFMC AFRL/RXQL; Libelo.Laurence@epamail.epa.gov
<Libelo.Laurence@epamail.epa.gov>; Henley, Mike V Civ USAF AFMC AFRL/RXQL
Sent: Thu Jan 21 16:57:51 2010
Subject: RE: PFC SON

Shoji, Mike, and John:

Can we go with 10am EST (9am CST) I have another meeting at 11am and I
dont want to run short on time. If not, we will go with 1030am and
Shoji can finish up on our end.

Let us know.

Thanks

Marc

Marc A. Mills, Ph.D.

United States Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
26 W. Martin Luther King Dr.
Cincinnati, OH 45268

Tel 513.569.7322
Fax 513.569.7620

mills.marc@epa.gov

Shoji Nakayama/CI/USEPA/US wrote on 01/21/2010 02:44:29 PM:

> [image removed]
>
> RE: PFC SON
>
> Shoji Nakayama
>
> to:
>
> Henley, Mike V Civ USAF AFMC AFRL/RXQL
>
> 01/21/2010 02:44 PM
>
> Cc:
>
> "Hearn, John D CTR USAF AFMC AFRL/RXQL", Laurence Libelo, Marc Mills
>
> Mike,
>
> I appreciate your interest in the joint submission of the SERDP
> proposal. Marc is on travel but I believe he will be OK with 10:30
> on January 28.
>
> As soon as I have a confirmation, I will let you know.
>
> Thank you,
>
> Shoji
>
>
> =====
> Shoji F. Nakayama, MD, PhD
> Phone: (513) 569-7490
> Fax: (513) 569-7620
>
> U.S. Environmental Protection Agency
> National Risk Management Research Laboratory
> 26 West Martin Luther King Drive, MS 190
> Cincinnati, OH 45268
> =====
>
> From:
>
> "Henley, Mike V Civ USAF AFMC AFRL/RXQL" <Mike.Henley@tyndall.af.mil>
>
> To:
>
> Marc Mills/CI/USEPA/US@EPA
>
> Cc:
>
> Shoji Nakayama/CI/USEPA/US, Laurence Libelo/DC/USEPA/US@EPA, "Hearn,
> John D CTR USAF AFMC AFRL/RXQL" <John.Hearn@tyndall.af.mil>
>
> Date:
>

> 01/20/2010 12:51 PM
>
> Subject:
>
> RE: PFC SON
>
> Marc,
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> Thanks for the note and interest. We, too, are very interested in a
> potential EPA/AF collaborative proposal on the SERDP topic.
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> We look forward to our discussions.
>
> Best regards,
> Mike
>
>
> Michael V. Henley
> AFRL/RXQL
> 139 Barnes Dr., Suite 2
> Tyndall AFB, FL 32403-5323
> (850) 283-6050 Fax: (850) 283-6090
> mike.henley@tyndall.af.mil
>
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> -----Original Message-----
> From: Mills.Marc@epamail.epa.gov [mailto:Mills.Marc@epamail.epa.gov]
> Sent: Tuesday, January 19, 2010 9:41 PM
> To: Libelo.Laurence@epamail.epa.gov; Henley, Mike V Civ USAF AFMC
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> Thank you both.

>

>

> Marc

>

>

> -

>

> Marc A. Mills, Ph.D.

>

> United States Environmental Protection Agency

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> 26 W. Martin Luther King Dr.

> Cincinnati, OH 45268

>

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> Fax 513.569.7620

> mills.marc@epa.gov

>

>

> Laurence Libelo/DC/USEPA/US wrote on 01/19/2010 12:16:13 PM:

>

> > [image removed]

> >

> > PFC SON

> >

> > Laurence Libelo

> >

> > to:

> >

> > mike.henley

> >

> > 01/19/2010 12:16 PM

> >

> > Cc:

> >

> > Shoji Nakayama, Marc Mills

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> =====
>
> > E. Laurence Libelo, Ph.D.
> > Senior Environmental Engineer
> > Exposure Assessment Branch
> > Office of Pollution Prevention and Toxics
> > U.S. Environmental Protection Agency
> > OPPTS/OPPT/EETD/EAB
> > 202-564-8553
> > FAX 202-546-8671
> >
> > From:
> >
> > Shoji Nakayama/CI/USEPA/US
> >
> > To:
> >
> > Laurence Libelo/DC/USEPA/US
> >
> > Cc:
> >
> > Audrey Levine/DC/USEPA/US@EPA, "Shelley, Timothy Civ USAF AFMC AFRL/
> > RXQF" <tim.shelley@tyndall.af.mil>, Marc Mills/CI/USEPA/US@EPA,
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> > If you have any questions, please feel free to give us a contact.
> >
> > Have a wonderful holiday,
> >
> > Shoji
> >
> > =====
> > Shoji F. Nakayama, MD, PhD
> > Phone: (513) 569-7490
> > Fax: (513) 569-7620
> >
> > U.S. Environmental Protection Agency
> > National Risk Management Research Laboratory
> > 26 West Martin Luther King Drive, MS 190
> > Cincinnati, OH 45268
> > =====
> >
> > From:
> >
> > Laurence Libelo/DC/USEPA/US
> >
> > To:
> >
> > "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
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> >
> > Cc:
> >
> > Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
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> > Date:
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> > for the SERDP SON.
> >
> > I am also Audrey Levine who is now the National Program Director for

> >
> > Tim Shelley
> >
> >
> > Timothy J. Shelley, Ph.D.
> > Air Force Research Laboratory
> > Airbase Security Technologies
> > 104 Research Road Bldg 9735
> > Tyndall AFB, FL 32403
> >
> > phone: 850 283-6037 (DSN 523-6037)
> > fax: 850 283-1044 (DSN 523-1044)
> >
> > NIPRNET e-mail: tim.shelley@tyndall.af.mil
> > SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil
> >
> >
> > -----Original Message-----
> > From: Libelo.Laurence@epamail.epa.gov
> > [mailto:Libelo.Laurence@epamail.epa.gov]
> > Sent: Tuesday, December 15, 2009 3:18 PM
> > To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
> > Subject: Hello from the past
> >
> >
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> > I am in the EPA Office of Pollution Prevention and Toxics in
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> >
> > If you get a chance can you give me a call? Not only about work but
I
> > would love to catch up with you and see how things are going.
> >
> > Laurence
> >
> >
> >

> >
>

=====

> > =====

> >

> > E. Laurence Libelo, Ph.D.
> > Senior Environmental Engineer
> > Exposure Assessment Branch
> > Office of Pollution Prevention and Toxics
> > U.S. Environmental Protection Agency
> > OPPTS/OPPT/EETD/EAB
> > 202-564-8553
> > FAX 202-546-8671
> >
>

**"Shelley, Timothy Civ USAF
AFMC AFRL/RXQF"**
<tim.shelley@tyndall.af.mil>

12/21/2009 01:46 PM

To Laurence Libelo

cc

bcc

Subject RE: Hello from the past

Hi Laurence,

Just wanted to let you know that this hasn't been forgotten about. I have briefed the fire guys, they are researching this. May not have an answer until after the holiday - is that OK? Part of the reason: the site(s) technically belong to Tyndall, not AFRL. As a result, we must make a corporate decision about whether to go after this, then we need to ask Tyndall if they will allow us to access their sites. Not impossible, we just need to go about this in an organized fashion.

What's the timeline for the SERDP proposal process - is it already advertized? Or do you know when it is planned to be advertized?

Thank you,

Tim Shelley

Timothy J. Shelley, Ph.D.
Air Force Research Laboratory
Airbase Security Technologies
104 Research Road Bldg 9735
Tyndall AFB, FL 32403

phone: 850 283-6037 (DSN 523-6037)
fax: 850 283-1044 (DSN 523-1044)

NIPRNET e-mail: tim.shelley@tyndall.af.mil
SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil

-----Original Message-----

From: Libelo.Laurence@epamail.epa.gov
[mailto:Libelo.Laurence@epamail.epa.gov]
Sent: Tuesday, December 15, 2009 3:18 PM
To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF
Subject: Hello from the past

Hi Tim,

How are you? How are things in Panama City? I was casting about for a contact in AFRL and saw that you are still at Tyndall. It is nice to see that not everyone has moved on.

I am in the EPA Office of Pollution Prevention and Toxics in Washington. I have been asked by some of the folks in the EPA Office of Research and Development to help in connecting them with someone in the AF who might be interested in looking at fluorosurfactants and other fluorochemicals at fire training sites. It looks like the stuff we did with Audary Lavine 15 years ago is starting to be noticed. There is apparently a

SERDP call out for perfluorinated chemical remediation at DOD sites and the EPA guys who have been working on these chemicals are interested in teaming with someone in DOD to work on this.

If you get a chance can you give me a call? Not only about work but I would love to catch up with you and see how things are going.

Laurence

=====

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Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
OPPTS/OPPT/EETD/EAB
202-564-8553
FAX 202-546-8671

**"Shelley, Timothy Civ USAF
AFMC AFRL/RXQF"**
<tim.shelley@tyndall.af.mil>

12/15/2009 05:01 PM

To Laurence Libelo, "Shelley, Timothy Civ USAF AFMC
AFRL/RXQF"

cc

bcc

Subject Re: Hello from the past

Hi Laurence, Good chatting with you again. I put in a call to our fire group and got them thinking about the teaming arrangement we discussed. I'll badger them and get an answer back to you - hopefully this Thursday (timing depends on the quality of my badgering skills). Tim

----- Original Message -----

From: Libelo.Laurence@epamail.epa.gov <Libelo.Laurence@epamail.epa.gov>

To: Shelley, Timothy Civ USAF AFMC AFRL/RXQF

Sent: Tue Dec 15 15:18:04 2009

Subject: Hello from the past

Hi Tim,

How are you? How are things in Panama City? I was casting about for a contact in AFRL and saw that you are still at Tyndall. It is nice to see that not everyone has moved on.

I am in the EPA Office of Pollution Prevention and Toxics in Washington. I have been asked by some of the folks in the EPA Office of Research and Development to help in connecting them with someone in the AF who might be interested in looking at fluorosurfactants and other fluorochemicals at fire training sites. It looks like the stuff we did with Audary Lavine 15 years ago is starting to be noticed. There is apparently a SERDP call out for perfluorinated chemical remediation at DOD sites and the EPA guys who have been working on these chemicals are interested in teaming with someone in DOD to work on this.

If you get a chance can you give me a call? Not only about work but I would love to catch up with you and see how things are going.

Laurence

=====
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FAX 202-546-8671

**"Shelley, Timothy Civ USAF
AFMC AFRL/RXQF"**
<tim.shelley@tyndall.af.mil>
12/23/2009 01:23 PM

To Shoji Nakayama, Laurence Libelo
cc Audrey Levine, Marc Mills
bcc
Subject RE: Hello from the past

Hi All,

Just wanted to let you know that I am working the "access to a site" item from down here. Two items for my organization to wrap their arms around:

- 1) Whether we (AFRL/RXQ) have the manpower to collect samples and/or coordinate access to the site, and
- 2) Access to the site is controlled by Tyndall Air Force Base. My organization will need to get permission from Tyndall before we can collect samples (or to grant others access to the site). It helps that it's one Air Force Organization asking another for access to the site, but that doesn't necessarily guarantee that we'll get access

Since it's the holidays, things have pretty well ground to a halt down here. I'll keep pushing to get you an answer as early as possible.

Thank you,

Tim Shelley

Timothy J. Shelley, Ph.D.
Air Force Research Laboratory
Airbase Security Technologies
104 Research Road Bldg 9735
Tyndall AFB, FL 32403

phone: 850 283-6037 (DSN 523-6037)
fax: 850 283-1044 (DSN 523-1044)

NIPRNET e-mail: tim.shelley@tyndall.af.mil
SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil

-----Original Message-----

From: Nakayama.Shoji@epamail.epa.gov
[mailto:Nakayama.Shoji@epamail.epa.gov]
Sent: Wednesday, December 23, 2009 9:48 AM
To: Libelo.Laurence@epamail.epa.gov
Cc: Levine.Audrey@epamail.epa.gov; Shelley, Timothy Civ USAF AFMC
AFRL/RXQF; Mills.Marc@epamail.epa.gov; Nakayama.Shoji@epamail.epa.gov
Subject: RE: Hello from the past

Laurence and Tim,

Yes, it's indeed sounds very nice.

I'm mostly coordinating this for Dr Marc Mills here at National Risk

Management Research Laboratory (NRMRL) and most likely Marc will take a lead as a PI for the proposal.

So far we have made up a tentative team within EPA including NRMRL and National Exposure Research Laboratory (NERL) as well as outside collaborators such as Minnesota Department of Health (MDH), Minnesota Pollution Control Agency (MPCA), and University of Cincinnati (UC).

The deadline of federal lead proposal is 11 March 2010 (<http://www.serdp.org/Funding/core-fed/index.cfm> <<http://www.serdp.org/Funding/core-fed/index.cfm>>). I'm writing up a draft proposal aiming mid-Jan when everybody will get together and polish it up. Although the SON (see below) says it's not required to have a field study, we think it is quite important to know actual situation in the field such as fate and transport of the target contaminants (PFOS and PFOA). We will be able to set up lab-scale treatment experiments which will certainly be reinforced by the field data. So we will be grateful if we could have a DoD collaborator who either can take samples from fields and send them to our analytical laboratories or will allow us to come to the fields and collect samples. Demanded samples include not only ground water but also surface soils and column soils in order to better characterize and understand the situation. Though the SON mentions little about soil research and treatment, we believe it is very important to understand the transport of the contaminants from soils to ground water and fate of precursors that potentially degrades to the targeted contaminants. It is known that the precursors have been manufactured and used in much higher scale (orders of magnitude) than PFOS and PFOA.

SON: <http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>
<<http://www.serdp.org/Funding/upload/ERSON-11-02%20PFOAS.pdf>>

If you have any questions, please feel free to give us a contact.

Have a wonderful holiday,

Shoji

=====

Shoji F. Nakayama, MD, PhD
Phone: (513) 569-7490
Fax: (513) 569-7620

U.S. Environmental Protection Agency
National Risk Management Research Laboratory
26 West Martin Luther King Drive, MS 190
Cincinnati, OH 45268

=====

From: Laurence Libelo/DC/USEPA/US
To: "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
<tim.shelley@tyndall.af.mil>
Cc: Shoji Nakayama/RTP/USEPA/US@EPA, Audrey Levine/DC/USEPA/US@EPA
Date: 12/23/2009 10:18 AM
Subject: RE: Hello from the past

Hi Tim,

Sounds great!

The EPA part of this effort is being done mostly by Shoji Nakayama in the ORD lab in Cincinnati. I am CCing him on this. I will be heading out of town soon and pretty much out of touch. If something needs to be done before I get back on the 4th or so it would be best for you and Shoji to talk directly. Shoji knows the time line for the SERDP SON.

I am also Audrey Levine who is now the National Program Director for drinking water at EPA.

My cell phone number is 301-332-7709.

Have a good holiday.

Laurence

=====

E. Laurence Libelo, Ph.D.
Senior Environmental Engineer
Exposure Assessment Branch
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
OPPTS/OPPT/EETD/EAB
202-564-8553
FAX 202-546-8671

From: "Shelley, Timothy Civ USAF AFMC AFRL/RXQF"
<tim.shelley@tyndall.af.mil>
To: Laurence Libelo/DC/USEPA/US@EPA
Date: 12/21/2009 01:47 PM
Subject: RE: Hello from the past

Hi Laurence,

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NIPRNET e-mail: tim.shelley@tyndall.af.mil
SIPRNET e-mail: timothy.shelley@tyndall.af.smil.mil

-----Original Message-----

From: Libelo.Laurence@epamail.epa.gov
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<mailto:Libelo.Laurence@epamail.epa.gov>]
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FAX 202-546-8671

"South, Paul"
<Paul.South@fda.hhs.gov>

04/07/2010 01:23 PM

To Cathy Fehrenbacher
cc
bcc
Subject PFC meeting

Hi Cathy,

Is there a meeting scheduled for today?

Thanks, Paul

Paul South, Ph.D.
Center for Food Safety and Applied Nutrition
U.S. Food and Drug Administration
Phone: 301-436-1640
Fax: 301-436-2651
Paul.South@fda.hhs.gov

"South, Paul"
<Paul.South@fda.hhs.gov>
04/07/2010 03:53 PM

To: Cathy Fehrenbacher
cc: Kay Austin
bcc:
Subject: RE: PFC meeting

Hi Cathy, It was on my calendar but I called in late. I spoke with Kerry and he said the meeting was short and that I probably missed it. Thanks, Paul

From: Fehrenbacher.Cathy@epamail.epa.gov [mailto:Fehrenbacher.Cathy@epamail.epa.gov]
Sent: Wednesday, April 07, 2010 3:45 PM
To: South, Paul
Cc: Kay Austin
Subject: Re: PFC meeting

Hello Paul. Yes, there was a meeting today. Kay sent out a new invitation but it looks like you may not have received it.

I'll talk to Kay - we may need to send out a separate notice for FDA and USDA.

I'm sorry you're still having trouble with this.

Cathy

From: "South, Paul" [Paul.South@fda.hhs.gov]
Sent: 04/07/2010 01:23 PM AST
To: Cathy Fehrenbacher
Subject: PFC meeting

Hi Cathy,

Is there a meeting scheduled for today?

Thanks, Paul

Paul South, Ph.D.
Center for Food Safety and Applied Nutrition
U.S. Food and Drug Administration
Phone: 301-436-1640
Fax: 301-436-2651
Paul.South@fda.hhs.gov

"Steve Olin - PDP"
<solin-pdp@ilsil.org>
12/10/2009 03:00 PM

To David Lynch
cc Cathy Fehrenbacher, Laurence Libelo, Mark Garvey
bcc
Subject RE: EPA Recommendations for the ILSI Research
Foundation Biodegradation SEP Peer Consultation Panel

Mr. Lynch,

Thank you. We have received your recommendations and are considering them along with recommendations from DuPont. We will get back to you if we have questions that would require further input.

Stephen S. Olin, Ph.D.
Deputy Director
ILSI Research Foundation
1156 Fifteenth Street, N.W., 2nd Floor
Washington, DC 20005-1743
Ph. 202-659-3306 ext.147
Fax 202-659-3617
E-mail: solin-PDP@ilsil.org

-----Original Message-----

From: Lynch.David@epamail.epa.gov [mailto:Lynch.David@epamail.epa.gov]
Sent: Tuesday, December 08, 2009 6:52 PM
To: Steve Olin
Cc: Fehrenbacher.Cathy@epamail.epa.gov; Libelo.Laurence@epamail.epa.gov;
Garvey.Mark@epamail.epa.gov
Subject: EPA Recommendations for the ILSI Research Foundation
Biodegradation SEP Peer Consultation Panel

Mr Olin,

Cathy Fehrenbacher asked that I submit, on behalf of our group at EPA working on the Biodegradation SEP, our recommendations for the ILSI Research Foundation Biodegradation SEP Peer Consultation Panel .

We carefully reviewed the education, experience, current research interests and publications of the candidates and would like to recommend the following individuals.

Mary Joyce A. Dinglasan-Panlilio

Christopher Paul Higgins

Kurunthachalam Kannan

Jinxia Liu

Scott A. Mabury

Richard T. Williams

Please feel free to contact me if you have any questions

David G. Lynch
Economics, Exposure and Technology Division
Office of Pollution Prevention and Toxics
US Environmental Protection Agency
1200 Pennsylvania Ave NW (7406M)
Washington, DC 20460

VOICE 202-564-8532
FAX 202-564-8892

"Steve Olin - PDP"
<solin-pdp@ilsf.org>
12/26/2009 01:25 PM

To Mark Garvey, "Steve Olin - PDP"
cc Cathy Fehrenbacher, David Lynch, Laurence Libelo,
"Suzanne Harris - PDP", "Shawn Sullivan", Michael Bellot,
"Andrea V Malinowski", "Robert J Tucker"
bcc
Subject RE: Today's deadline Concerning - ILSI RF Proposed Peer
Consultation Panel

Dear Mr. Garvey,

The ILSI Research Foundation is happy to accept EPA's request to extend the review period until January 7.

Best wishes to all for a very happy and productive New Year!

Steve Olin
Biodegradation SEP Panel Administrator

-----Original Message-----

From: Garvey.Mark@epamail.epa.gov [mailto:Garvey.Mark@epamail.epa.gov]
Sent: Wednesday, December 23, 2009 11:32 AM
To: Steve Olin - PDP
Cc: Fehrenbacher.Cathy@epamail.epa.gov; Lynch.David@epamail.epa.gov;
Libelo.Laurence@epamail.epa.gov; Suzanne Harris - PDP; Shawn Sullivan;
Bellot.Michael@epamail.epa.gov; Andrea V Malinowski; Robert J Tucker
Subject: Re: Today's deadline Concerning - ILSI RF Proposed Peer
Consultation Panel

Dear Mr. Olin,

I understand that Cathy Fehrenbacher is out today through the New Year's Holiday. I have not had an opportunity to discuss the panel selections. EPA would like to request extending the review period until Thursday January 7th to assure that OPPT has an opportunity to review the panel. I am copying DuPont staff Andrea Malinowski and Bob Tucker in this request to assure they are aware of EPA's request.

Thanks,
Mark

Mark Garvey
Attorney
202-564-4168
US EPA
Office of Civil Enforcement
Garvey.Mark@epa.gov

NOTE: This email and its attachments may contain confidential information, attorney-work product, enforcement sensitive material or privileged information.

